

**ICCT 2013**

**"The 3<sup>rd</sup> International Conference on  
Convergence Technology 2013"**

**Vol.2 No.1**

● **Date : July 3~6, 2013**

● **Place : Chiang Mai, Thailand**

● **Co-organized by :**

Korea Convergence Society

NTIS Division and GSDC Center at Korea Institute of Science and Technology Information(KISTI)

Korea Institute of Information, Electronics and Communication Technology

IT Convergence Society for SMB

The Society of e-Learning

The Korea Society of Digital Policy & Management

The Korean Association for Comparative Government

Xian Jiaotong-Liverpool University, China

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## Congratulatory Address



Ladies and Gentlemen!

Welcome to the 3rd International Conference on Convergence Technology (ICCT 2013), which is held in Chiang Mai, Thailand. As the general co-chair of the conference and president of Korea Convergence Society, I take great pleasure in hosting today's events and it is my pleasure and honor to bring a congratulatory address on behalf of all the members of Korea Convergence Society. Actually, the 3<sup>rd</sup> ICCT conference is co-organized by the Korea Institute of Science and Technology Information (KISTI) and Korea Convergence Society. Now I deeply appreciate for KISTI's financial assistance and co-organization of this conference again.

Before we begin the reception, I will greet some related members of the conference. First of all, I greatly appreciate for vice president Gunhee HAN, program committee (PC) chair, and PC members' assistances. Please give him a big round of applause, Professor Jungsoo HAN. Also, I would like to express to my sincere gratitude for each of you attending the conference. Furthermore, I would like to express my deepest congratulations on the success of all the attendee's works.

Actually, last year we opened the 2<sup>nd</sup> conference of ICCT 2012, which was held in Qingdao, China. Last year, 86 papers were published in the proceeding and 15 superior papers among them were published in the 'SCI Extended Journal of Central South University'. But, in this year, 1,200 manuscripts were submitted and then about 800 selected papers will be presented in the conference. I know about 800 selected papers will be published in the Scopus journal. It is surprised that the published papers multiplied ten times than last year and the quantity of published papers increased more than ten times. I am sure that the qualities of the conference are improved very high by all of you. As we promised you upgrading the quality of the conference last year, all the members of our conference will try much harder to succeed the conference next year.

Lastly, I hope that this conference contributes on exchange of research experiences and culture among all the members of conference participants. And, I am anticipating that all of you will have a fruitful experience today and I wish this conference to be helpful for everyone. Thank you very much.

General Co-Chair of ICCT 2013  
Jong Yun LEE.

# Welcome to ICCT 2013

## July 3<sup>rd</sup> 2013



Hello everyone, this is Jungsoo Han, and I am in charge of Scientific Committee of ICCT.

First of all, it is a great honor to open ICCT international conference at Chiang Mai, Thailand. 2013 year is one of successful year of our conference history. We have received 1,200 submissions from world wide, and 870 papers have been accepted. I do really appreciate your submission and interests. Please continue to give us your support in the future.

In addition, I would like to say thank you for your patience. Our staff tried to notify you as soon as possible, but there were huge submissions. The delay was inevitable.

Our conference research topic is Global Convergence Technology which means merge for two or more different areas in order to find solution.

The proceedings will be published in the 'International Conference on Convergence Technology' and then the accepted papers will be published by SCOPUS journals after further revision. Also some selected papers will be published in international journals indexed by SCI(E). After conference, our staff will notify you about information of publishing SCOPUS journal. Please pay attention to SCOUPS journal's deadline when you have a notice.

Once again, I appreciate your submission and participation at ICCT conference. I hope you are doing very well during the conference days.

Thank you so much,

Scientific Committee Chair of ICCT  
**Jung-Soo Han**















01. GSDC-01\_Effects of Charged Nanoparticles on Water Distribution in Aqueous Media  
Min Sun Yeom(Korea Institute of Science and Technology Information), Eunae Kim(Chosun University)
02. GSDC-03\_Performance Comparison of DES keys search through Cluster and Internet-based distributed computing  
Jun Weon Yoon(KISTI and Korea University), Sung Jun Kim(KISTI), Chan Yeol Park(KISTI), Heon Chang Yu(Korea University)
03. GSDC-05\_Improving the Performance and Scalability of the Turbulent Channel Flow for very Large Scale Motions  
Oh-kyoung Kwon(KISTI Supercomputing Center), Ji-Hoon Kang(KISTI Supercomputing Center), Kwang Jin Oh(KISTI Supercomputing Center), Jung-il Choi(Yonsei University)
04. GSDC-12\_Web-based environment for multiple types of simulations on heterogenous HPCs  
Dukyun Nam(KISTI), Jinseung Yu(KISTI), Hoon Ryu(KISTI), Jong Suk Ruth Lee(KISTI), Kum Won Cho(KISTI)
05. GSDC-23\_decomposition-based parallel join algorithm.  
Seo-Young Noh(KISTI), Heejun Yoon(KISTI), Il-Yeon Yeo(KISTI), Hyungwoo Park(KISTI)
06. GSDC-24\_Performance Comparison on Middleware in KISTI GSDC for ALICE Experiment  
Il-Yeon Yeo(KISTI), Heejun Yoon(KISTI), Sang-Un Ahn(KISTI), Sang-Oh Park(KISTI)
07. GSDC-25\_Event Processing Performance of the Analysis Facility based on PROOF  
Sang Un Ahn(KISTI), Il Yeon Yeo(KISTI)
08. GSDC-26\_Flexible mapping from tagging data to RDF based on R2RML  
Sunil Ahn(KISTI), Seok-Kyoo Kim(KISTI), Soonwook Hwang(KISTI)
09. GSDC-27\_Performance Enhancement of Mobile Communication using LAN-PON Convergence Networks  
Seung Hee Lee(KISTI), Il-Yeon Yeo(KISTI), Jae Gwan Kim(Samsung THALES), Jeong Heon Kim(KISTI)
10. GSDC-28\_A study on Camera Array System for a real-time processing  
Chi-Woong Kim(KISTI), Seok Myun Kwon(KISTI), Nam gyu Kim(KISTI)
11. GSDC-29\_Analysis of user satisfaction in the practical use of CyberLab  
Sung Yun Yu(KISTI), Jinsoo Park(Yong In Univ), Jin Kim(KISTI), Hyung Jin Lee(KISTI), Su-dong Park(Basic Science)

12. GSDC-30\_A Hardware-based Virtual Machine Provisioning Algorithm  
Amol Jaikar(KISTI), Gyeong-Ryoon Kim(KISTI), Dada Huang(KISTI), Seo-Young Noh(KISTI)
13. GSDC-31\_A novel method for brain masking of PIB PET image based on CT brain mask from PET CT scanner.  
Chan Mi Kim(Hanyang University), Hyuk Jin Yun(Hanyang University), Ui cheul Yoon(Catholic University of Daegu), Sang Won Seo(Sungkyunkwan University), DukL.Na(Sungkyunkwan University), Jong-Min Lee(Hanyang University)
14. GSDC-32\_Correction for partial volume effect using statistical partial volume estimation model: a surface-based PET analysis  
Hyuk Jin Yun(Hanyang University), Chan Mi Kim(Hanyang University), Uicheul Yoon(Catholic University of Daegu), Jong-Min Lee(Hanyang University)
15. GSDC-33\_An Deployment Strategy for Camera Arrays System  
Seok Myun Kwon(KISTI), Chi-woong Kim(KISTI), Jin Suk Kim(University of Seoul), Heejun Yoon(KISTI)
16. GSDC-34\_A study on the model to analyze the user acceptance of computer simulation in education  
Namgyu Kim(KISTI), Jinseung Yu(KISTI), Dukyun Nam(KISTI), Jong Suk Ruth Lee(KISTI), Hyungjin Lee(KISTI)
17. GSDC-35\_Implementation of eduroam-based Global WiFi Roaming Service in Korea  
Myun gil Kim(KISTI), Dong kyun Kim(KISTI), Gi cheol Wang(KISTI), Seung hae Kim(KISTI)

▶▶ 12:00 ~ 13:00 **Lunch Time**

18. GSDC-36\_development of needs based supercomputer performance evaluation method  
Hyungjin Lee(KISTI), Jin Kim(KISTI), Sangdong Lee(KISTI), Namgyu Kim(KISTI)
19. GSDC-37\_Study on performance comparison between parallel transmission and a big packet transmission for big data  
Hyoungwoo Park(KISTI), Heejun Yoon(KISTI), Jongsuk Ruth Lee(KISTI), Haengjin Jang(KISTI)
20. GSDC-38\_Study on relationships among the CPUs, the network and the size of application data for big data computing  
Hyoungwoo Park(KISTI), Ilyeon Yeo(KISTI), Seo-Young Noh(KISTI), Haengjin Jang(KISTI)
21. GSDC-39\_A study on the factors that affect the user satisfaction of computer simulation in education  
Noori On(KISTI), Namgyu Kim(KISTI), Jinseung Yu(KISTI), Dukyun Nam(KISTI), JongSuk Ruth Lee(KISTI), Sik Lee(KISTI)
22. GSDC-40\_The effect of estimated physiologic noise removal from data itself  
Jungho Cha(Hanyang University), Jong-Min Lee(Hanyang University)
23. GSDC-41\_A Framework for a Proactive Honeynet Based on Feedback from a Darknet  
Heejin Jang(KISTI), Mi-kyoung Kim(KISTI), Jungsuk Song(KISTI), Hark-Soo Park(KISTI)
24. GSDC-42\_Design of query broker for service of secure privacy information  
Sungjun Kim(KISTI), Junweon Yoon(KISTI), Joon Woo(KISTI), Hyungsik Kim(Chungnam National University)
25. GSDC-43\_Proposal for a Protocol to Support Event Mobility of Real-Time Application in WSNs  
Soyeon Lee(KISTI), Jeongcheol Lee(Chungnam National University), Hosung Park(Chungnam National University), Jonguk Kong(KISTI), Sangha Kim(Chungnam National University)
26. GSDC-50\_Performance Study of Distributed AMGA Deployment for Belle II Experiment  
Jae-Hyuck Kwak(KISTI), Geun chul Park(KISTI), Tae sang Huh(KISTI), Soon wook Hwang(KISTI)
27. GSDC-53\_Development of an AMGA grid metadata catalog system in the EMI Collaboration  
Geunchul Park(KISTI), Taesang Huh(KISTI), Soonwook Hwang(KISTI), Jiksoo Kim(KISTI), Jaehyuck Kwak(KISTI)
28. GSDC-54\_Leveraging Distributed Supercomputing Infrastructures to support Large-Scale Scientific Computing  
Jik-Soo Kim(KISTI), Seokkyoo Kim(KISTI)
29. GSDC-57\_Survey on the Script Languages of the Interactive Storytelling Authoring System  
Seok-Kyoo Kim(KISTI), Sun il Ahn(KISTI)

▶▶ 14:20 ~ 14:30 Break Time

30. GSDC-44\_A study on the model to measure the quality of research papers using a supercomputer  
Namgyu Kim(KISTI), Hong Soon Ki(Sungkyunkwan University), OnNoo Ri(KISTI), Sudong Park(IBM), Hyungjin Lee(KISTI), YuSung Yun(KISTI)
31. GSDC-45\_A Framework for Overcoming a Limitation of Emulator-Based Dynamic Analysis Tools on the Android Platform  
HyunMi Jung(KISTI), Jungsuk Song(KISTI), Hark-Soo Park(KISTI), Boyeon Song(KISTI)
32. GSDC-46\_A blood pressure monitoring system for patients with hypertension  
Sangho Ha(Soonchunghyang University)
33. GSDC-47\_A Health-monitoring Service System using Wearable Sensors  
Sangho Ha(Soonchunghyang University)
34. GSDC-48\_A Heart-rate Monitoring System using Android Smartphones  
Sangho Ha(Soonchunghyang University)
35. GSDC-49\_An Example Design of Service Infrastructures for Nationwide Supercomputing Resources  
Hyeyoung Cho(KISTI), Sul-Ah Ahn(KISTI)
36. GSDC-51\_An Improved Method for Security Monitoring Using Black IPs  
Kimoon Jeong(KISTI), Hark-Soo Park(KISTI), Ki-Man Noh(Kongju University), Ji-Woo Choi(Kongju University)

▶▶ **15:50 ~ 16:00 Break Time**



37. NTIS-10\_A Standard Integration Platform using rule set based Transformation Technology for National R&D Information integration system  
Seungwu Han(KISTI), Chul Su Lim(KISTI), Tae-Hyun Kim(KISTI), Wongoo Lee(KISTI), Jinman Kim(KISTI), Kangryul Shon(KISTI)
38. NTIS-11\_A Study of Construction of Verification Support System for Survey and Analysis of Government-led R&D Projects - Focusing on government-led R&D papers  
NamGyu Kang(KISTI), Minwoo Park(KISTI), MyungSeok Yang(KISTI), KwangNam Choi(KISTI), OhSeok Kwon(Chungnam National University)
39. NTIS-12\_A Study of Development of Personal Information Detection and Blocking System for Privacy Protection in e-Documents  
Yong Ju Shin(KISTI), Kwang-Nam Choi(KISTI), Cheol-Joo Chae(KISTI), kiseok Choi(KISTI), Yong-Hee Yae(KISTI)
40. NTIS-13\_A Study of Implementation of National R&D Dashboard System  
Jung Ho Seok(KISTI), Jae Soo Kim(KISTI), Yong-Ki Kim(KISTI), Kwang-Nam Choi(KISTI)
41. NTIS-14\_A Study of National R&D Data Quality Assessment Indicators and Methods  
Jinman Kim(KISTI), Seungwu Han(KISTI), Wongu Lee(KISTI), Lim Chul Su(KISTI), Tae-Hyun Kim(KISTI), Kangryul Shon(KISTI)
42. NTIS-15\_A Study on Effect and Outcome of EA Management  
Sung-Nam Cho(KISTI), Sung-Soo Ahn(KISTI), Sang-Hoon Kim(Kwangwoon Univ), Jae-Sung Kim(KISTI)
43. NTIS-16\_A Study on National R&D Information Analysis Method in Cloud Environment  
Min-woo Park(KISTI), Nam-Gyu Kang(KISTI), Myung-Seok Yang(KISTI), Kwang-Nam Choi(KISTI)
44. NTIS-17\_A Study on Relationship-based Service Model of R&D Information  
Heeseok Choi(KISTI), Heejun Han(KISTI), Yunjeong Kim(KISTI), Jaesoo Kim(KISTI)

45. NTIS-18\_An Analysis of Large Amount of Ocean Satellite Data based on Multi-Dimensional Array Database System  
Min-Ho Lee(KISTI), Jae-Choel Ryou(Chungnam National University), Sang-Hwan Lee(KISTI), Yoon-Soo Choi(KISTI), Won-Goo Lee(KISTI)
46. NTIS-19\_Certificate-based Access Control Model for Privacy Protection  
Cheol-Joo Chae(KISTI), Yong Ju Shin(KISTI), Yong-Hee Yae(KISTI), ki seok Choi(KISTI)
47. NTIS-20\_Current Status of Convergence Research of National R&D Project in Korea  
Yun jeong Kim(KISTI), Hee seok Cho(KISTI), Heejun Han(KISTI), Jaesoo Kim(KISTI)
48. NTIS-21\_Development of Voice of Customer Management System to increase customer satisfaction for STI Service  
Seon-Hee Lee(KISTI), Ji Young Kim(KISTI)
49. NTIS-22\_Enhancing National R&D Information Management Model to Utilize Change History of Management Organizations  
Tae-Hyun Kim(KISTI), Chul Su Lim(KISTI), Seungwu Han(KISTI), Wongoo Lee(KISTI), Jinman Kim(KISTI), Kangryul Shon(KISTI)
50. NTIS-23\_Improvement of R&D Information Management to Support Convergence Research  
Chul Su Lim(KISTI), Tae-Hyun Kim(KISTI), Seungwu Han(KISTI), Wongoo Lee(KISTI), Jinman Kim(KISTI), Kangryul Shon(KISTI)
51. NTIS-24\_Index Design for efficient Search of National R&D Information  
Heejun Han(KISTI), Heeseok Choi(KISTI), Yunjeong Kim(KISTI), Jaesoo Kim(KISTI)
52. NTIS-25\_Study on Sharing and Spreading of S&T information Focused on the Case of NDSL Open Service  
Mi-Hwan Hyun(KISTI), Soo-Mi Shin(KISTI), Wan-Jong Kim(KISTI)
53. NTIS-26\_The Design of Access Control and Account Management in NTIS Server System  
Jeong-Hyun Lee(KISTI), Dong-gu Shin(KISTI)
54. NTIS-27\_User Customized Mobile Service for Sharing and Diffusion of National Science and Technology Information  
Yong-Ki Kim(KISTI), Jung Ho Seok(KISTI), Kwang-Nam Choi(KISTI), Jae Soo Kim(KISTI)
55. NTIS-04\_Hadoop-based Distributed Parallel Processing Framework for Fast Recognition of Terminology  
Wongoo Lee(KISTI), Yunsoo Choi(KISTI), Minho Lee(KISTI)

01. w-1-11\_Moderation of Consideration of Future Consequences on Inaction Inertia Effect  
Seongsoo Lee(Sun Moon University)
02. w-1-13\_Discriminating Power of Burn Out by Individual factor, perceived Health status, & Job factor among Care Workers of Longterm Care Facilities in South Korea  
Mi Yu(Namseoul University), Su Jeong Yu(Sangji University), Hyun Mi Seo(Gangdong College),  
Myung Sook Park(Sun Moon University), Kyung Ja Kang(Jeju National University)
03. w-1-14\_The Effect of Use Motives, Benefits and Cost Factors of Social Commerce on Customers' Satisfaction with Purchase  
Eun Hee Kim(Mokwon University), Seung Yeob Yu(Namseoul University)
04. w-1-15\_Correlates of Gratitude Disposition in Middle School Students in Korea: Gender differences  
Jung Hyun Choi(Namseoul University), Mi Yu(Namseoul University)
05. w-1-16\_An Exploratory Study on the quality factor of the audit reporting  
Jong-Hei Ra(Gwangju University), Young-Jin Choi(Eulji University),  
Si cheon You(Chosun University), Pan-Gu Kim((Chosun University)
06. w-1-17\_Adopting Framework for Cloud-based Public Service  
Jong-Hei Ra(Gwangju University)
07. w-1-18\_Effects of the Well-dying Education Program on the Perception of Death and Attitude toward End-of-life Care among College Students Major in Welfare for the Elderly  
Miok Kim(Namseoul University), Jung Hyun Choi(Namseoul University)
08. w-1-19\_Drivers of Purchase Intention for Fakes between Brand Image and Product Similarity  
Gwi-Gon Kim(Kumoh National Institute of Technology), Jong-Ho Yoon(Kumoh National Institute of Technology),  
Seong-Woo Ma(Chosun University)
09. w-1-20\_CSR Value & Brand Identification in Korea and Mongolia  
Gwi-Gon Kim(Kumoh National Institute of Technology),  
Enkhchimeg Tsedendorj (Kumoh National Institute of Technology)  
Chal-Hyuk Yoon (Kumoh National Institute of Technology)

10. w-1-21\_Attraction and compromise effect as the thinking style  
Gwi-Gon Kim(Kumoh National Institute of Technology), Kyu-do Yun(Kumoh National Institute of Technology),  
Yongpal Lee(Chosun University)
11. w-1-22\_Anchoring Effect of Hotel Grade Symbols  
Gwi-Gon Kim(Kumoh National Institute of Technology), Hyun-Ok Do(Kumoh National Institute of Technology),  
Jong-Ho Kim(Chosun University)
12. w-1-23\_Exploratory Study on the Measurement of TV Engagement -focusing in TV as engaging  
media-  
Kim Man Ki(Namseoul University), Bong Yeon Keun(Kyunghee University)
13. w-1-24\_A Study on Adjustment Experience of Military Life  
Jung-A Oh(Baekseok Culture University), Young-Joo Lee(Baekseok Culture University)
14. w-1-25\_A Study on the Background Image Scheme Photography, Illustration, Picture, Color,  
Letters, and Setting on the Political Public Relations  
Kim Man Ki(Namseoul University), Kim Gyu Hyun(Yonsei University)
15. w-1-26\_A Study on Satisfaction of Care Helper Education Program  
Jung Hyun Choi( Namseoul University), Miok Kim(Namseoul University)
16. w-1-27\_Why Korean and Chinese Consumers Use a Counterfeit?  
Seung Yeob Yu(Namseoul University), Nami Kim(Peking University)

▶▶ 12:00 ~ 13:00 Lunch Time

17. w-2-05\_The Design of Object-Oriented Design Learning Contents for Elementary Students  
Il Kyu Yoon(Korea University), Ja Mee Kim(Korea University), Yun Jae Jang(Korea University),  
Yong Cheon Kim(Korea University), Won Gyu Lee(Korea University)
18. w-2-06\_The Effect of educational robot simulation tool in robot programming education  
Jae Kwoun Shim(Korea University), Ja Mee Kim(Korea University), Xuefeng Zhang(Korea University),  
Won Gyu Lee(Korea University)
19. w-2-11\_A study on lexical sets of vocabulary taught to readers from different learning  
backgrounds  
Michelle Mi-Hee Choi(Namseoul University)
20. w-3-03\_In-vivo Insertion of the Thermoluminescence Dosimeter to Measure the Absorbed Dose  
inside the Body  
Sang-Tae Kim(Jeonju University), Jung-Keun Cho(Jeonju University), Cheong-Hwan Lim(Hanseou University),  
Hey-Suk Park(Yonsei University)
21. w-3-04\_Geriatric Nursing Education Needs, Knowledge and Attitudes toward the Elderly among  
Hospital Nurses  
In-Young Yoo(Jeonju University)
22. w-3-05\_Reviews on the Determining Sample Size using Statistical Method  
Bog-Ja Jo(California International Business University), Hee-Hwa Oh(Chonbuk University),  
Kyoung ho Choi(Jeonju University)
23. w-3-06\_Web Accessibility Evaluation of Community Rehabilitation Center Homepage  
Ki-Yun Lee(Jeonju University), Kyoung ho Choi(Jeonju University), Hyn-Uk Shin(Jeonju University)
24. w-3-07\_Life Stress, Attitude toward death, and Meaning in Life among Middle-Aged Women  
Young-Mi Jung(Daegu Haany University)
25. w-3-08\_The Effects of Types of Foreign Substances in the Body and Concentration Changes of  
Barium Sulfate and Iodinated Contrast Agent on the standardized Uptake Value in PET-CT  
Sang-Tae Kim(Jeonju University), Jung-Keun Cho(Jeonju University), Cheong-Hwan Lim(Hanseou University)

▶▶ 14:20 ~ 14:30 Break Time

26. w-3-09\_A Study on the Business Performance of Large Discount Stores Influenced by Opening of External Tenant Shops  
Geon, Chang-Jin(Urban Renaissance Center Researcher), Kim, Jong-Jin(Jeonju University)
27. w-3-10\_Effect of 80% VO<sub>2</sub>max Exercise on Oxidative Stress during Menstrual Cycle  
Mi Hyun Joo(Jeonju University)
28. w-3-11\_Comparison and Assessment of Multi-Detector Row CT and Cone Beam CT in Hounsfield Unit for Bone Density Evaluation in Implant Placement Parts  
Sang-Tae Kim(Jeonju University), Jung-Keun Cho(Jeonju University), Hey-Suk Park(Yonsei University)
29. w-3-12\_The effects of group music therapy on aggressive and delinquent behaviors in children who experienced on-going child abuse and poverty A randomized controlled trial  
Jinah Kim(Jeonju University)
30. w-3-13\_The Effects of Constraint-Induced Movement Therapy on Unilateral Spatial Neglect and Upper Extremity Function in Person With Stroke  
Choi, Yoo-Im(Howon University)
31. w-3-14\_The Effects of Thumb Splint and Modified Sport Glove on Hand Function in Person with Traumatic Brain Injury  
Eun Joo Kim(Jeonju University)
32. w-3-15\_A Survey on the Status of Korean Occupational Therapists' Perception, Assessment, and Implementation of Intervention of Unilateral Spatial Neglect  
Choi, Yoo-Im(Howon University), Kim, Eun-Joo(Jeonju University), Lee, Sang-Heon(Soonchunhyang University).
33. w-3-16\_The Study to the Usefulness of 3D Imaging in Micro-CT for Observing the Microstructure of Mice  
Sang-Ho Lee(Seonam University), Kyu-Yun Chai(Wonkwang University),  
Jong-Seok Lee(Wonkwang Health Science University), Cheong-Hwan Lim(Hanseu University),  
Beom-Hee Han(Seonam University), Eun-Hee Mo(Wonkwang University hospital),  
Hyun-Hwa Son(Dept. of Radiation Imaging Technology Center), Hong-Young Jun(Wonkwang University),  
Sung Hoon Park(Wonkwang University), Tae-Jong Han(Jeonju University).

▶▶ 15:50 ~ 16:00 Break Time

34. w-4-22\_The effect of the orthographic and phonological priming in Korean visual word recognition: Event-related potential evidences  
Yoonhyoung Lee(Catholic University of Daegu), Youan Kwon(Konkuk University),  
WonilChoi(University of North Carolina at Chapel Hill)
35. w-4-11\_Effect of Word Bigrams in Korean Morphological Analysis  
Do-Gil Lee(Korea University), So-Young Park(SangMyung University)
36. w-4-20\_The Analysis and Implication of teaching-learning types for Smart Learning  
Hae-Sook Han(Korea University), Heui-Seok Lim(Korea University)
37. w-4-13\_Implementation of Flight Simulator using 3-Dimensional Terrain Modelling  
Seung-Taek Ryoo(Hanshin Univ)
38. w-7-05\_Influencing Effects of Company Characteristics to the Utilization of Consulting Results and Business Performances  
Keoyoung Song(Hansung University), YenYoo You(Hansung University)
39. w-7-06\_Practices on the Performance Analysis of Social Enterprises  
Chong Hye Yoon(Hansung University), Yen Yoo You(Hansung University), Kwansik Na(Seowon University),  
Do Sung Na (Hansung University)
40. w-7-07\_The influence of SNS Use by Internet Corporations on Marketing Performance of Internet Shopping Mall Companies-Consulting Experience as a Controlling Variable  
Sang Sun Kim(Hansung University), Sang Hyun Kim(Hansung University), Yen Yoo You(Hansung University)

41. w-7-08\_A Case Study : The Effect of Management Consulting of the K Bank on Business Performance of Consulting Client Firms and Their Contribution to the Bank  
Yong Hyeon Yang(Hansung University), Yen Yoo You(Hansung University), Kwansik Na(Seowon University)
42. w-7-09\_Korean Emotion Vocabulary Frequency Analysis by Industry  
Do Hyun Kim(Hansung University), Sang Hyun Kim(Hansung University), Yen Yoo You(Hansung University)
43. w-7-10\_A Study of determinates which affect to Management Consulting Perception(with Psychological factors of Corporations middle Management )  
Tea Suk Jeoung(Hansung University), Yen Yoo You(Hansung University), Hyung Kun Joo(Hansung University), SunYong Kim(Hansung University)
44. w-7-11\_ERP POST-IMPLEMENTATION LEARNING, ERP USAGE AND INDIVIDUAL PERFORMANCE IMPACT - The capability of IT consultant as a medium -  
Byung-min Chang(Hansung University), Yen Yoo You(Hansung University),
45. w-7-12\_Assessment Method of Information Security by Multi-Attribute Threat Index  
Young-Man Je(Hansung University), Yen-Yoo You(Hansung University), Kwan-Sik Na(Seowon University)
46. w-7-13\_Efficiency analysis of support programs for NGOs' public-interest activities : DEA  
Hong-Geun Choi(Hansung University), Jung-Wan Hong(Hansung University), SunLie Bang(Society & Culture Policy Institute), Yen-Yoo You(Hansung University)
47. w-7-14\_A Study on the influence of consultant competence on purchase intention of clients  
Seoktae Chung(Hansung University), Jin-Taek Jung(Hansung University), Yen-Yoo You(Hansung University)
48. w-7-15\_A Case of Business Recovery Priority Decision in Insurance Company TOPSIS Approach on Interval Data  
Ki-Yoon Kim(Kwangwoon University), Kwan-Sik Na(Seowon University)
49. w-7-16\_Influence study of CEO's characteristics to the organization commitment of organization members  
Yong Hyeon Yang(Hansung University), Yen Yoo You(Hansung University), Kwansik Na(Seowon University)
50. w-7-17\_A Study on the Factor to Influence of Loyalty and Importance-Performance on Mobile Convergence Products  
Daebong Lee(Hansung Univ), Sae-Hong Cho(Hansung Univ), Wookbin Lim(Hansung Univ)



01. w-7-18\_An Empirical test and Reinterpretation of the DeLone and McLean's updated IS success model  
Hanjun Suh(University of Twente)
02. w-7-20\_Purchase Behavior of Organic Tea-product by Wellbeing Lifestyle  
Eun-Ah Kim(Seowon University), Kwan-Sik Na(Seowon University)
03. w-7-21\_A Study on One-Person Creative Firms in the Korea Broadcasting and Communications Industry  
Kwan-Sik Na(Seowon University)
04. w-7-22\_Effect of Selection Attributes of RTD Tea Drinks on Satisfaction and Repurchase Intention  
Jung-Mi Park(Seowon University), Kwan-Sik Na(Seowon University)
05. w-7-23\_Business Model Competiveness Analysis of Korean Security Companies  
Dong Heon Yang(Hansung University), Yen Yoo You(Hansung University)
06. w-8-01\_A Study on the Measurement of Bacterial Contamination of MRI Examination Equipment and Disinfection Condition  
Seung-Woon Jeung(Hanseon University), Chung-Hwan Lim(Hanseon University), Sang-Hyun Han(Seonam University), Beom-Hui Han(Seonam University), Dong-Hee Hong(Seonam University), Sang-Ho Lee(Seonam University)
07. w-8-02\_Analysing the Management Efficiency Strategy of State-Owned Enterprise  
Ju Sang Hyeon(Chonbuk National University)
08. w-8-04\_Determinants of Customer Loyalty on Service Quality for Higher Productivity of Financial Agency : Focused on Suhyup Bank  
Lee SY(Hanseon University), Lee SJ(Hanseon University)
09. w-8-05\_Distribution and Management of Spatial Dose Rate in Intervention  
Mi-Hwa Lee(Hanseon University), Hong-Ryang Jung(Hanseon University)
10. w-8-08\_Evaluation of the Reproducibility of Radiation Output from Diagnostic X-ray Equipment  
Beom-Hui Han(Seonam University), Hong-Ryang Jung(Hanseon University), Cheong-Hwan Lim(Hanseon University), Sang-Hyun Han(Seonam University),
11. w-8-09\_Gate Cone Beam Computed Tomography on Radiation Therapeutic Linear Accelerator  
Jeong-Min Seo(Daewon Univ), Chan-Hyeong Kim(Hanyang Univ), Byung-Soo Park(Samsung Medical Center), Jae-Goo Shim(Samsung Medical Center)

12. w-8-10\_Influence of Geometrical Difference Between HDR  $^{192}\text{Ir}$  Brachytherapy Sources on Dose Distribution in Cervical Cancer  
Oh-Nam Yang(Hanseon University), Woo Sang Ahn(University of Ulsan College of Medicine),  
Dae-Yong Kim(University of Ulsan College of Medicine), Won sik Choi(University of Ulsan College of Medicine),  
Cheong-Hwan Lim(Hanseon University), Seong Soo Shin(University of Ulsan College of Medicine)
13. w-8-13\_Study about Hospice Perception of Nursing University Student  
Jeong-Hee Kim(HealthCare Hanseo University, Taeon HealthCenter and County Hospital),  
Cheong-Hwan Lim(Hanseon University)
14. w-8-15\_Study on Reduction of Brain Perfusion CT Dose and Optimization of Time Graph  
Ki-Jeong Kim(Hanseon University), Hong-Ryang Jung(Hanseon University)
15. w-8-17\_The Study of Correlation between Physical Attribute and Effective Dose on Liver Computed Tomography  
Young-Cheol Joo(Hanseon Univ, Samsung Medical Center), Cheong-Hwan Lim(Hanseon Univ)
16. w-9-01\_Inhibitory effects of inducible nitric oxide synthase mRNA expression and nitric oxide production by LED irradiation  
Park Jeong-Suk(Nambu University), Lee Jea-Hyuk(Nambu University), Ku Ho-Jun(Nambu University)
17. w-9-02\_Anti Inflammatory Effects of Deffated Rice Bran Ethanol Extract in RAW 264.7 Macrophage Cells  
Mi-Hye Kim(Nambu University), Jeong-Suk Park(Nambu University), Tae-Yong Shin(WooSuk University)
18. w-9-03\_THE EFFECT OF SACRO-OCCIPITAL TECHNIQUE CATEGORY II BLOCKING ON LOW BACK PAIN AND BILATERAL PELVIC TILTING : randomized controlled trial  
Kim, Ka Eun(Jeonju University), Shin,Won Sun(Jeonju University), Park, Soon Kwon(Jeonju University),  
Cha, Kyung Su(Jeonju University), Cho,Il Young(Jeonju University)
19. w-9-04\_The effect of SOT on body stability and attention  
Ki-Hun Jung(Joenju University), Il-Young Cho(Joenju University), Soon-Kwon Park(Joenju University),  
Ka-Eun Kim(Joenju University)
20. w-9-05\_A Comparison of Quality in CPR between Visual Feedback Method and Traditional Method  
Sang-Sub Park(ChungCheong University)
21. w-9-06\_A Study on the Effects of Pelvic Sacral Angle on a Disease of Low Back  
Seyoung Choi(SunMoon University), Minsun Lee(SunMoon University)
22. w-9-07\_An Analysis of Factors Affecting the Dynamic Balance of the Elderly  
Jin-Seok Oh(Life Fitness Health Team), Jin-hong Park(Chungcheong University)

23. w-9-08\_Effect of aging and physical activity on cognitive function an examination of P300  
Kim, Sung–Woon(Kyungpook National University), Lee, Gun–Young(Kyungpook National University),  
Yoo, Ho–Sang(Yeungnam University)
24. w-9-09\_Effect of Psychomotor Physical Activity Program on the Coordination of Children with  
Developmental Delays  
Il–Myeong, Kim(Kwangju Women's University), Sung–Jin, Kim(Wanju–gun Community Rehabilitation Center),  
Woong–Soo, Kim(Hanil University & Presbyterian Theological Seminary),  
Hong–Joong, Cho(Chonnam National University), Sung–Woon, Kim(Kyungpook National University)
25. w-9-10\_Improving the effectiveness of using Chiropractic adjustments for bowed legs  
Kwon, Byong An(SunMoon University), Lee, Min Sun(SunMoon University)
26. w-9-11\_Mood responses to winning and losing in a recreational game of soccer  
Sung–Woon, Kim(Kyungpook National University), Jin–Gu, Kim(Kyungpook National University)
27. w-9-12\_Statistical Analysis of the Korean National Health and Nutrition Examination Survey  
Using Poisson Regression - Focusing on Obesity, Cancer, and Adult Disease  
Hee–Hwa Oh(Chonbuk University), Kyoung ho Choi(Jeonju University)
28. w-9-13\_The Effect of Balance Training for Stroke Patients with Obesity on BMI and Recovery  
of Balance Ability  
Wan–Young Yoon(Seowon University)
29. w-9-14\_The effect of body image self discrepancy on exercise behaviors and emotion in older  
adults  
Hong–Joong, Cho(Chonnam National University), Sung–Jin, Kim(Wanju–gun Community Rehabilitation Center),  
Il–Myeong, Kim(Kwangju Women's University), Sung–Woon, Kim(Kyungpook National University)
30. w-9-15\_The effect of Tai Chi exercise on the cognitive and physical function in older Adults  
Woo–Cheol, Kim(Daegu Health College), Suk–Lip, Choi(Daegu Health College),  
Sung–Woon, Kim(Kyungpook National University)
31. w-10-07\_ Model Diagnostics for Factors Affecting Institutional Choice of Individual Contributions  
in Campaign Financing: Focused on the U.S. Presidential Primaries Candidates from 2000 to  
2008  
Jiwon Nam(Florida State University), Sang–Yup Lee(Hanseu University)

32. w-10-11\_A Privacy Protection Model on the Multiple Authentication System  
Hyung jin Mun(Chungbuk University), Young kwan Ju(Chungbuk University), Jin ho Yoo(Baekseok University)
33. w-10-13\_A Secure and Fast Handover Technique Considering MS Mobility in Mobile WiMAX  
Kisoo Kim(Chungbuk University), Sangho Lee(Chungbuk University)
34. w-10-10\_A study of User Authentication in Access Management System Using OTP  
Seung-Soo Shin(Tongmyong University), Yoon-Su Jeong(Mokwon University), Kun-Hee Han(Baekseok University),  
Kwnag-Yoon Jin(Kangwon National University)
35. w-10-14\_Security evaluation metric of Windows-based information security products  
Ki soo Kim(Chungbuk University), Sang ho Lee(Chungbuk University)
36. w-11-05\_A Study on Predictors of Volunteer of Baby Boomers of Korea Application on Resource Theory  
Kang, Hyun-Jung(Hanseong University) Kim, Yun-Jeong(Hanseong University)
37. w-11-06\_Donation Motives of Korean Adolescents  
Mee Sook Kim(Hanseong University), Chang Seek Lee(Hanseong University), Don Reedy(Hanseong University)
38. w-11-07\_Effect of Baby Boomers' Economic Activity Characteristics on the Participation in Social Activities  
Kim, Yun-Jeong(Hanseong University), Kang, Hyun-Jung(Hanseong University)

▶▶ 15:50 ~ 16:00 **Break Time**

39. w-11-08\_Effect of Hope on the Preparing for the old age of Korea Baby Boomers  
Kang, Hyun-Jung(Hanseon University)
40. w-11-09\_Elderly Adaptation Experiences in Residential Welfare Facilities for the Aged  
Chung, Jin-Ah(Hanseon University) Kim, Yun-Jung(Hanseon University)
41. w-11-10\_The Relationship between Perception and Level of Successful Aging by the Korean Elderly  
Ka, Hyun-Su(Hanseon University) Kim, Yun-Jeong(Hanseon University)
42. w-11-11\_Mediating Effect of Hope on the Relationship between Leisure Satisfaction and Korean University Life Adjustment of Chinese Students  
Chang Seek Lee(Hanseon University) Wang Fang(Hanseon University)
43. w-11-12\_Relationship among training volume, athletic performance, and injury-related variables in recreational golfers  
Ho-Jin Lee(Korea University), Yong-Seok, Jee(Hanseon University)
44. w-11-13\_Relative Levels of Hope and their Relationship with Acculturative Stress and Psychological Wellbeing of Women Who Immigrate Due to Marriage  
Chang Seek Lee(Hanseon University), Ji Young Park(Koguryeo University), Sheri N. Slick(Hanseon University)
45. w-11-14\_Relative Levels of Hope and their Relationship with the Family-related Stress and Stress Coping of Women Who Immigrate due to Marriage  
Chang Seek Lee(Hanseon University), Ji Young Park(Koguryeo University), Simon Hunter-Williams(Hanseon University)
46. w-11-15\_Sex Communication with Parents, Gender Role, and Sexual Attitude in Korean Nursing Students  
Miok Kim(Namseoul University), HyunA Nam(Pyeongtaek University)
47. w-11-16\_Study on the Dispute of the Oriental Medicine Dispensation  
Moon ju Seong(Namseoul University), Jae won Jeong(Kookmin University)

48. w-11-17\_The buffering effect of self-esteem in the relationship between depression and suicidal ideation of the Korean elderly  
Kim, Yun-Jeong(Hanseu University)
49. w-11-18\_The effect of ecological system environment variables on suicidal ideation and attempt among Korean  
Kim, Yun-Jeong(Hanseu University) Shin, Dong-Ju(Kangwon National University)
50. w-11-19\_The History of Ceramic Repair and Restoration in Korea  
Pil Seung Yang(Seoul Museum of History), Min Ho Jeong(Gyeongju National Reserch Institute of Cultural Heritage), Seong Woo Park(Hanbaek Reserch Institute for Cultural Heritage), Jung Ho Seo(Kongju National University)
51. w-11-20\_The Mediating Effects of Acculturative stress in Regards to Acculturation and University Adjustment of Chinese Students in Korea  
Hyung Jung Min(Hanseu University), Chang Seek Lee(Hanseu University), Don Reedy(Hanseu University)
52. w-11-21\_The Relationship among the Perception of the Family System, Marital Quality and Life Satisfaction of Women who immigrated due to Marriage  
Chang Seek Lee(Hanseu University), Sheri N. Slick(Hanseu University), Eun Soon Jang(Hanseu University)
53. w-12-01\_Multi-purpose water service connection valves research and development  
Sang-Ho, Lim(Korea International Culture)
54. w-12-02\_Recycled toilet water revenue system development  
Sang-Ho, Lim(Korea International Culture University), Hong-Ryeo, Joe(Korea International Culture University), Hyo-Myeong, An(Korea International Culture University), Seok-won, Oh(Korea International Culture University)
55. w-12-03\_A Study on the Elderly Care Facility Social Workers Job Stress and Organization Effectiveness  
Jae-Hak Park(Korea International Culture University)
56. w-12-06\_Effect of Teacher Image on Stress  
Ok-Joo, Shin(Korea International Culture), Young-Gi, Kim(Korea International Culture)
57. w-12-07\_Effect of Elderly Care Facility Social Workers Job stress-induced factors on Self-efficacy  
Sang-Gu, Lee(Korea International Culture University), San-Yong, Kim(Chongshin University)

01. w-13-02\_A RTOS-based LED Streetlight Lighting System on Multi-Sensor Data Transmission Control Algorithm  
Sun gil Hong(Semyung University), Chi ho Lin(Semyung University), Hyeoung seok Kim(Dongbu CNI)
02. w-13-03\_An Efficient LSDM Control Logic Design on Lighting Control System  
Sun gil Hong(Semyung University), Chi ho Lin(Semyung University), Seung soo Shin(Tong myong University)
03. w-13-04\_Modeling and Analysis of Dynamic Human Motion Data using Fuzzy Bezier Framework and Contactless Interface  
Hee dong Hong(Semyung University), Hyun soo Lee(Kumoh National Institute of Technology)
04. w-13-05\_Comparison of Software Development Productivity by EJB Version with Enterprise of Standardization  
Myeongho Lee(Semyung University), Guijung Kim(Konyang University)
05. w-13-06\_Design of Reference Model for Complex Embedded Software Testing  
Myeongho Lee(Semyung University), Jungsang Yoo(Gachon University)
06. w-13-07\_A Framework for Risk Assessment on Product Safety Management  
Jungdae Suh(Gachon University), Yonghyun Lee(Korea Agency for Technology and Standards), Eunnyeong Heo(Seoul National University)
07. w-13-08\_Visitor's Satisfaction on Jecheon Hanbang-Bio Festival  
Choi, Seung Kuk(Semyung University)
08. w-13-09\_Quality Characteristics of Candies with isomaltooligosaccharide  
Sung Hee Min(Semyung University)
09. w-13-10\_A Multi-item Stochastic Demand Periodic Review System with A Budget Constraint  
Dongju Lee(Kongju National University)
10. w-13-11\_An Approximation Approach on Continuous Review Inventory System with Necessary and Optional Items  
Dongju Lee(Kongju National University), Chang-Yong Lee(Kongju National University)
11. w-13-12\_The Job-Centered PSS Blueprint for Designing a Product-Service System  
Hyung Sool Oh(Kangwon National University), Seung Ki Moon(Nanyang Technical University), Jung Sang Yoo(Gachon University)
12. w-13-13\_Service-Oriented FMEA and Grey Relational Analysis based Approach to Service Reliability Assessment  
Hyung Sool Oh(Kangwon National University), Seung Ki Moon(Nanyang Technical University), Jung Sang Yoo(Gachon University)

13. w-14-09\_Culinary Art Major Studnets' Company Selection of Field Practice of Selection Attribute's IPA  
Kang-tae Seo(Baekseok Culture University), Hee-Seung Lee(Honam University)  
Jae-hun Shim(Baeksk University), Na-young Kim(Songho Colleg Hotel Culinary art)  
Geum-Ju Hong(Department of Hotel Foodservice Managerment)
14. w-14-10\_Perception of Disease by Korean Preschoolers  
Soyoun Yim(Baekseok University)
15. w-14-11\_An exploratory study on counseling experiences of female immigrants by marriage in Korea  
Hyunjung Lee(Baekseok University)
16. w-14-12\_Study on Effect of Habits on Success  
Manoh Han(Baekseok University)
17. w-14-15\_Security Threats and Corresponding Methods for the Wireless Charger System  
Keun-Ho Lee(Baekseok University)
18. w-14-16\_Current Status of Subcontracting in E-learning Industry and Means of Improvement  
Kyoo-Sung Noh(Sunmoon University)  
Seong-Hwan Ju(Large & Small Business Cooperation Foundation)

▶▶ 12:00 ~ 13:00 **Lunch Time**



19. w-14-17\_A Study on Innovative Model for Communication System of Political Parties by using Big Data  
Kyoo-Sung Noh(Sunmoon University), Young-Min Park(Hankuk University)
20. w-14-18\_An Analysis of the Status and Policies on E-learning Contents Industry and A Study on Measures for Improvement  
Kyoo-Sung Noh(Sunmoon University), Shin-Pyo Kim(Kumoh National Institute of Technology)
21. w-14-19\_Extraction of Importance on Player's Online Game Behaviors Using a Clustering Algorithm  
Young Yim Doh(KAIST), Seong dong Kim(Kaywon School of Art&Design), Myoun-Jae Lee(Baekseok University)
22. w-14-21\_A Study on Features of Smartphone Use by University Students Using Through Coding Arguments  
Myoun-Jae Lee(BaekSeok University), Ki Sook Ko(BaekSeok University)
23. w-14-22\_Influencing Factors to Emotional labors of Emergency Room Nurses  
Do-Young Lee(Baekseok University), Sung hee Baik(Baekseok University)
24. w-14-23\_A Flat-Iron Automation System using Computer Convergence Technology  
Gab-Sang Ryu(Dongshin Univ), Keun-Ho Lee(BaekSeok Univ), Yoong-II Kim(Honam Univ)
25. w-14-24\_The effect of life style factors on abdominal obesity of adult  
Sun Young Park(Baekseok University), Hee Jeong Kim(Baekseok University),  
Eun-Kyung Lee(Catholic University of Daegu)
26. w-14-25\_Critical thinking disposition Self-efficacy and Stress of Korean Nursing students  
Heejeong Kim(Baeseok University), Eun Kyung Lee(Catholic University of Daegu), Sun Young Park(Baeseok University)

▶▶ 14:20 ~ 14:30 Break Time

27. w-14-26\_The effects of Binge Drinking on Hypertension and Dislipidemia in Korea the Fifth Korea National Health and Nutrition Examination Survey (KNHANES V) 2011  
Eun Kyung Lee(Catholic University of Daegu, College of Nursing), Sun Young Park(Baekseok University),  
Hee Jeong Kim(Baekseok University)
28. w-14-30\_Organizational Effects on the Willingness to Sustain the Work of Women in Social Enterprise  
Eun Jung Lee(Baekseok University)
29. w-14-31\_Attitude and Social Interaction of Nurses as Predictors of Nursing Intention with AIDS Patients  
Yang, Seung Ae(Sungshin University)
30. w-14-33\_A study on improved user experience in smartphone applications  
-With a focus on Angry Bird Game-  
Kyoung-nam Kim(Sungkyul Univ), Myun-Jae Lee(Baekseok Univ)
31. w-14-34\_Cluster-based Routing Protocol in Mobile Wireless Sensor Networks for Tracking Livestock Movements in Mongolian Nomadic Herding  
Sung-Gi Choi(Mongolian University), Erdenekhoo Norinpel(Mongolian University), Jinho Yoo(Baekseok University)
32. w-14-35\_Malicious App. Detection using System Call Similarity on Android  
You-Joung Ham(Hanshin University), Won-Bin Choi(Hanshin University), Hyung-Woo LEE(Hanshin University)
33. w-14-36\_Supervisor's Support Emotional Exhaustion Personal Accomplishment and Life Satisfaction among Hospital Nursrs  
Eun ja Yeun(Konkuk University), Misoon Jeon(Baekseok University), Ho Yoon Bang(Konkuk University)
34. w-14-37\_Smart Phone Addiction and Mental Health in Undergraduate Students  
Misoon Jeon(Baekseok University), Dahye Park(Chungang University), Hyunjung Kim(Baekseok University)

▶▶ 15:50 ~ 16:00 Break Time

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35. w-14-38\_Effect of Core Stability Exercise on the Measure of EMG in Shoulder Joint Using Ultrasound Imaging  
Jang Yeon Cho(Hanyang University), Jae Hun Shim(Baekseok University), Ho Young Choi(Hanyang University),  
Ki Min Song(Hanyang University), Seoug Il Moon(Hanyang University), Kang Tae Seo(Baekseok Culture University)
  36. w-14-39\_The Effect of Neck and Shoulder Muscle Activation for Neck Stabilization Exercise on Forward Head Posture  
Hyun Jae Noh(Soonchunhyang University Hospital), Jae Hun Shim(Baekseok University),  
Yong Jin Jeon(Our Ladyof Mercy Rehabilitation Center)
  37. w-14-40\_A Study on the Use of Web Evaluation & Analysis Model for Data Quality Evaluation  
Yoeng-won Kim(Konyang University)
  38. w-14-41\_Study on Foreign Substance Detection Using Photo-sensor  
Dea-Soo Kang(Kongju National Univ), Jeong-Bong You(Kongju National Univ)
  39. w-14-42\_Study on Multipoint Output PLC Control  
Jeong-Bong You(Kongju National Univ)
  40. w-14-43\_Design of Controller for Effective Motion Control of CCTV  
Heon-Tag Kong(Kongju National Univ), Jeong-Bong You(Kongju National Univ)
  41. w-14-44\_The Effects of Social Adaptation Program on Emotional and Social Self-Sufficiency of Welfare-to-Work Recipients  
Eun Jung Lee(Baekseok University)
  42. w-14-45\_Analysis on the influence factors drinking of the high school students  
KIM JIN HYANG(Ansan University), IM MI LIM(Baekseok University)
  43. w-14-46\_The Candidate Verifiable Vote Generation Based on Biometric Group Signature Scheme  
Sung-hyun Yun(Baekseok University)

44. w-15-01\_Design of Mobile-based 3D e-Learning Framework  
Jung Soo Han(Baekseok Unuversity), Kee Nam Choi(Semyung University), Gui Jung Kim(Konyang University)
45. w-15-02\_An Predictive Analytics of Business Model for Self-Adaptive Software  
Su-Jin Baek(BaekSeok University), Sung-Ho Sim(Semyung University)
46. w-15-03\_Change Management using multi-Agent Message Technique  
Kyoung-Hun Kim(Gandong College), Tae-Won Kyung(R&D PatentCenter), Sang-Ho Na(Kyung Hee University),  
Ga-won Lee(Kyung Hee University), Gyeng-Taek Yu(Gangdong College)
47. w-15-04\_A Study on Meta-Collector for Web Services Selection meta-matching Information  
Extraction  
Sung-Ho Sim(Semyung University), Su-Jin Baek(BaekSeok University)
48. w-15-05\_Threats Evaluation for SLAs in Cloud Computing  
Sang-Ho Na(KyungHee Univ), Kyoung-Hun Kim(Gang Dong College), Eui-Nam Huh(KyungHee Univ)
49. w-15-06\_Cloud-based Smart Home System (CbSH) Architecture Design for Virtual Home  
Gateway and Cloud Interworking  
Ga-Won Lee(Kyung Hee University), Sang-Ho Na(Kyung Hee University), Kyoung-Hun Kim(Gangdong College),  
Eui-Nam Huh(Kyung Hee University)
50. w-15-07\_A Study on Security Scheme in 13.56MHz RFID Environments  
Jungho Kang(Soongsil University), Hyungjoo Kim(Soongsil University), Moonseog Jun(Soongsil University)
51. w-15-08\_Refundable Cloud Service Architecture for Smart Brokering  
Young-Rok Shin(Kyung Hee University), Myeong-seob Kim(Kyung Hee University),  
Kyoung-Hun Kim(Gangdong College), Eui-Nam Huh(Kyung Hee University)
52. w-15-09\_Access Control Framework Design for Personal Cloud  
Jun-young Park(Kyung Hee University), Young-rok Shin(Kyung Hee University),  
Kyoung-hun Kim(Gang Dong College), Eui-nam Huh(Kyung Hee University)
53. w-15-10\_Mobile VDI Performance Optimization with Hybrid Parallel Computing and System  
Level Hooking  
Myeong-seob Kim(Kyung Hee University), Jun-young Park(Kyung Hee University),  
Kyoung-hun Kim(Gang Dong University), Eui-nam Huh(Kyung Hee University)

01. w-15-11\_System module extraction using control dependency relation  
Seung-Hyung Lee(Kyung Hee University), Hyun Yoo(Osan University)
02. w-15-12\_Secure-NFC service for Personal Information Protection  
Si-Jung Kim(Hannam University), Bong-Han Kim(Cheongju University)
03. w-15-13\_The Simulation Platform for 3D-based Mechanical joint Units  
Wan sik Jun(VRX), Jae kwang Lee(Hannam University), Bong han Kim(Cheongju University)
04. w-15-14\_Study on Experience Knowledge Management System through Extension of the Meaning of Memory of Access to Cultural Heritage  
Kim, Yang-Ho(Cheongju University)
05. w-15-15\_A Design of the Linear time Reordering Algorithm for Parallel Cholesky Factorization  
Sung-Hee Choi(Sun-Moon University), Suk-Hyung Hwang (Sun-Moon University)
06. w-15-17\_An Algorithm of Grouping Clusters to Reduce Routing Overhead for CBRP in MANET  
Wu Woan Kim(Kyungnam University)
07. w-15-18\_A Scheme for Electing the Main and Second Cluster Head Nodes by Electric Energy in Ad-Hoc Networks  
Wu Woan Kim(Kyungnam University)
08. w-15-20\_The Effects of Affective and Cognitive Image on Destination Choice Attributes in Shopping Tourism  
Yk-Su Lee(Cheongju University)
09. w-15-22\_Relationship between Cyber Libel Crime and Freedom of Expression  
In Chang, Yoo(Joongbu University)
10. w-15-23\_A New Paradigm of the Small Business Start up Focusing on the Framework Act on Cooperatives in Korea  
In Bang, Song(Chungnam National University)
11. w-15-24\_A Study on Security Scheme for Privacy Protection in NFC Environments  
Hyungjoo Kim(Soongsil University), Jungho Kang(Soongsil University), Moonseog Jun(Soongsil University)
12. w-15-26\_The Psychometric Properties of Supports Intensity Scale  
Okin Lee(Jeounju University), Eun-Young Park(Jeounju University)

13. w-15-27\_Reading Strategies for Individual with Learning Disabilities ; Meta-Analysis of Single Subject Researches  
Okin Lee(Jeounju University), Joungmin Kim(Konkuk University)
14. w-15-28\_A Study on IT Convergence based on Smart  
Byung Tae Chun(Hankyong National University), Seong Hoon Lee(Baekseok University)
15. w-15-29\_Folksonomy Data Mining based on Formal Concept Analysis  
Suk-Hyung Hwang(SunMoon University), Sung-Hee Choi(SunMoon University)
16. w-15-30\_A Design of Wi-Fi Authentication Using Location Based Service(LBS)  
Jungho Kang(Soongsil University), Sungyoon Kim(Soongsil University), Moonseog Jun(Soongsil University)
17. w-15-31\_Analysis of preferred Character Fashion Image through Chinese Rhythm Action Games  
Mi-Ra Seo(Tongmyong University), Sang-Jin Park(Konyang University)
18. w-15-32\_Basic research of game character based on color identity  
Ae-Kyung Kim(Tongmyong University)

▶▶ 12:00 ~ 13:00 **Lunch TimeSession**

19. w-15-33\_Deduction of persona through online game playing behaviors analysis of young elderly people  
Mi-Ra Seo(Tongmyong University), Ae-Kyung Kim(Tongmyong University)
20. w-15-34\_Sociodemographic characteristics of Korean elderly people through game user survey  
Ae-Kyung Kim(Tongmyong University), Mi-Ra Seo(Tongmyong University)
21. w-15-35\_Developing Creative Problem Solving(CPS) teaching-learning process for using in design education in University  
Ae-Kyung Kim(Tongmyong University), Mi-Ra Seo(Tongmyong University)
22. w-15-36\_A study on Expressions in Car Advertisements using Banners in Internet  
Sang-Jin Park(Konyang University)
23. w-15-37\_A Study on Elliptic Curve Cryptosystem Based Mobile WIMAX Initial Entry  
Do Hyeon Choi(Soongsil University), Hyungjoo Kim(Soongsil University), Jungho Kang(Soongsil University), Moonseog Jun(Soongsil University)
24. w-15-38\_A Study on Light-Weight Mutual Authentication Protocol for Multi-Tags Authentication in UHF RFID  
Hyungjoo Kim(Soongsil University), Jungho Kang(Soongsil University), Moonseog Jun(Soongsil University)
25. w-15-39\_A Study on OTP Authentication Method for Integrity and Non-Repudiation  
Hanna You(Soongsil University), Sungsoo Kim(Soongsil University), Jungho Kang(Soongsil University), Moonseog Jun(Soongsil University)
26. w-15-40\_Algorithm Design for Protection of Biometric Data Field in e-Passport  
Sungsoo Kim(Soongsil University), Hanna You(Soongsil University), Jungho Kang(Soongsil University), Moonseog Jun(Soongsil University)

▶▶ 14:20 ~ 14:30    Break Time

27. w-15-41\_A Study on the Problem on The VAT System on Golf Course Construction  
Kim Bong-Hyun(Jeju National University), Lee, Dong-Heon(Mokpo National University),
28. w-15-42\_An Approach for enhancing global convergence BINT  
Hyung-Kun Joo(Hansung University),  
Seung-Kwan Lee(Principal Researcher of Seongnam Industry Promotion Foundation)
29. w-15-43\_The Effect of Involvement on Moderating Effect in Sports Goods Brand Asset and Expansion  
Kim Bong-Hyun(Jeju National University), Lee, Dong-Heon(Mokpo National University),  
Kim, woo-hyoung(Mokpo National University)
30. w-15-44\_An Incremental Learning Based on the Optimized Network Structure  
Jong Chan Lee(ChungWoon Univ)
31. w-15-45\_Analysis and Design of Web-based business management system  
Jae Saeng Kim(Kimpo college), MoonGu, Lee(Kimpo college)
32. w-15-47\_Edge effect of signals at discontinuity  
Hong Tae Shim(Sunmoon University), Joong sung Kwon(Sunmoon University)
33. w-15-49\_Virtual Reality Simulator System  
Ki-Bong Kim(Daejeon Health Science College), Sung-Han Lee(Zoit co.Ltd.)
34. w-15-50\_The Legal Basis and Social Reality of Welfare System  
Song Young-Hyun(Chungnam National University), Lee Youn-Hwan(Konyang University)

▶▶ 15:50 ~ 16:00 **Break TimeSession**



35. w-15-51\_Secure Trade Authentication System in Mobile Payment Environment  
Sung-Yun Kim(Kyungnam University), Eun Kim(Kyungnam University), Yun-Seok Lee(Kyungnam University),  
Min-Soo Jung(Kyungnam University)
36. w-15-54\_Circular Gesture Recognition Algorithm Using Concentric Circles  
Sang-Mu LEE(Chungbuk National University), BYAMBASUREN SODGEREL(Chungbuk National University),  
Mi-Hye, Kim (Chungbuk National University)
37. w-15-55\_Direction Classification Method of Linear Hand Gestures  
Yong-Young Kim(Konkuk University), Hee-Seong Lee(Konkuk University), Mi-Hye KIM(Chungbuk National University)
38. w-15-56\_Efficient DB Encryption Method  
Jia, Hao-Xiang(Chungbuk National University), Mi-Hey KIM(Chungbuk National University),  
Myeong-Ho Lee(Semyung University)
39. w-15-57\_Efficient DB Retrieval Method  
Jia, Hao-Xiang(Chungbuk National University), Mi-Hey KIM(Chungbuk National University),  
Myeong-Ho Lee(Semyung University), So-Min Won(Chungbuk National University)
40. w-15-58\_Hand Gesture Recognition Algorithm Using Coordinate Information  
Kim Yong-Ki(Chungbuk National University), BYAMBASUREN SODGEREL(Chungbuk National University),  
Mi-Hye Kim(Chungbuk National University)

41. w-16-26\_Both Channel-width and Spacing Chirpings in the Index-guided Laser Arrays  
Kee-Young Kwon(Kongju National Univ)
42. w-16-27\_Enhancement of the Supermode Discrimination Characteristics by Separate-contact Pumping in the Index-guided Laser Arrays  
Kee-Young Kwon(Kongju National Univ)
43. w-16-28\_Effects of Layer Conductivity and Thickness on the Carrier and Current Density Distributions in Laser Diode Arrays  
Kee-Young Kwon(Kongju National Univ)
44. w-16-29\_Current Density Distribution in LEDs with Current Blocking Layer  
Seok-Beom Yoon(Kongju National Univ), Kee-Young Kwon(Kongju National Univ), Ki-Seok Choi(Kongju National Univ)
45. w-16-30\_Fabrication of 3-Channel Gain-guided Laser Arrays  
Kee-Young Kwon(Kongju National University)
46. w-16-31\_Implementation of LED Dimming Control System Based on RTP  
Yu Tae-Hwan(Kongju National Univ), Im Kyoung-Mi(Kongju National Univ), Lim Jae-Hyun(Kongju National Univ)
47. w-16-32\_Observation of Near-field and Far-field Intensity Patterns of Supermodes in the Channel-width Chirped Laser Arrays  
Kee-Young Kwon(Kongju National University)
48. w-16-33\_Study on Improvement of Convenience about Utilizing the Area for Urban Marine Leisure Sports  
Lee Hae Goo(KyungSung University)
49. w-16-34\_Study on the Branded TDIA Service Contents for Korean Wave Culture Products  
Sung Young, Kim(Kyonggi University)
50. w-16-35\_The Development of Application for Culinary Education using Smart Device  
Keoung Shim Kang(Kongju National Univ)
51. GSDC-06\_An Integratable Job Monitoring System for Batch Schedulers  
Gyeong-Ryoon Kim(KISTI), Amol Jaikar(KISTI), Seo-Young Noh(KISTI), Heejun Yoon(KISTI)

01. w-16-10\_Analysis of Charity Campaign by Types for the Settlement of Culture of Giving  
Jinhee Park(YonIn Univ)
02. w-16-11\_A Case Study of Mobile Giving Through Application  
Jinhee Park(YongIn Univ)
03. w-16-12\_Design Elements and User Needs On Serious Board Games  
Hye-Jung Jang(Kong-Ju National Univ), Seuc-Ho Ryu(Kong-Ju National Univ), Dong-Lyeor Lee(Kong-JuNa tional Univ), Wan-Bok Lee(Kong-Ju National Univ), Byung-Pyo Kyung(Kong-JuNa tional Univ), Chang-Wook Lee(Dankook Univ), Ma, CorazonJ, Mendoza(DeLaSalle Araneta Univ)
04. w-16-13\_An Experimental Study on Environmental Elements and Airflow Distribution Characteristics in a Fully Artificial Plant Factory  
Moon Seung-Mi(Kongju National Univ), Cho Ki-Youn(Biwontech), Kwon Sook-Youn(Kongju National Univ), Kong Heon-Taek(Kongju National Univ), Lim Jae-Hyun(Kongju National Univ)
05. w-16-14\_A study on Multimedia expressional attributes and Graphic User Interface extension of Head-up Display  
Hwoi-kwang Kim(Kangnam Univ), Hyun-ju Lee(Shinkyung Univ)
06. w-16-15\_A Study for Development of Co-op Program Design Curriculum for Practical Manpower Cultivation  
Park Hyeon Wook(Kyungdong Univ), Lee Jong Ho(Kyungdong Univ)
07. w-16-16\_A Study on revitalization for culture & arts education using 3D program  
Seung-Chul Park(Kongju National Univ), Hyun-Tae Chun(Kongju National Univ)
08. w-16-17\_Carrier-induced Index Anti-guiding Effect on Lasing Supermodes of Gain-guided Laser Arrays  
Kee-Young Kwon(Kongju National Univ)
09. w-16-18\_Carrier-induced Index Anti-guiding Effect on Lasing Supermodes of Index-guided Laser Arrays  
Kee-Young Kwon(Kongju National Univ)
10. w-16-19\_An Analysis of the Quantity of Needed Supplemental Lighting in Hybrid Plant Factory depending on the Climate Conditions  
Lee Kwang-Bok(Kongju National Univ), Kwon Sook-Youn(Kongju National Univ), Lim Jae-Hyun(Kongju National Univ)
11. w-16-20\_An Implementation of Integrated Management System in Plant Factory  
Kwon Sook-Youn(Kongju National Univ), Lim Jae-Hyun(Kongju National Univ)
12. w-16-21\_Analysis on the elements of play expressed by motivation in online games and user needs  
Won-Joe Jung(Kongju Univ), Lee Wan-Bok(Kongju Univ), Seuc-Ho Ryu(Kongju Univ), Byung-Pyo Kyung(Kongju Univ), Dong-Lyeor Lee(Kongju Univ), Sun Shuping(Xiangtan Univ)

13. w-16-22\_Active Array Analysis and Passive Array Analysis of Index-guided Laser Array with  $3\mu\text{m}$  Channel Widths and  $3\mu\text{m}$  Spacings and  $\Delta\eta_{\text{eff}}=0.005$   
Kee-Young Kwon(Kongju National Univ)
14. w-16-23\_Effect of Spacing Chirping on Near-field and Far-field Intensity Patterns of the Index-guided Laser Arrays  
Kee-Young Kwon(Kongju National Univ)
15. w-16-24\_Enhanced Uniformity of the Near-field Intensity Pattern in Phase-Locked Laser Arrays  
Kee-Young Kwon(Kongju National Univ)
16. w-16-25\_Design of Mobile WSN Gateway based on Android Smartphone  
Lee Dong geon(GCT Research), LimJ ae-Hyun(Kongju National Univ)
17. w-17-02\_A Comparative Study on the Korean and English Genderlect  
Kim, Hyun Hyo(Kongju National Univ), Ryu, Ju-Hyun(Kongju National Univ)
18. w-17-03\_A Development of Regional Tourism through Storytelling Based on Literary Contents the Case of Don Quijote & Hong, Gil-Dong  
Ryu, Ju-Hyun(Kongju National Univ), Kim, Hyun Hyo(Kongju National Univ)
19. w-17-04\_A Study on Effective Enhancement of Children's Historical Experience Activities in Field Study  
Kim, Sang hee(Kongju National Univ)

20. w-17-05\_A Study on Improvement of Korean IS Audit Standard Checklists Using AHP  
Boo-Hyung Lee(Kongju National Univ)
21. w-17-06\_Analysis of the Impact of Social Capital of University Employees to the Organizational Commitment  
Seong Ae Hong(University of Kongju), Jong Sup Paek(University of Daejeon)
22. w-17-07\_A Comparative Study of Knowledge, Attitude, and Experience between Indonesian and Korean People towards Dental Tourism  
Rosalina Deasy(University of Yeungnam), Jong Yeon Kim(University of Yeungnam), Seong Ae Hong(Kongju Univ)
23. w-17-08\_Factors Affecting Suicidal Attempt of the Adolescents  
Sun Soon Moon(Kongju Univ), Seong Ae Hong(Kongju Univ)
24. w-17-09\_Migrant Women in International Marriage in Korea : Policy Issues and Implication  
Kyung Sook Kim(Kongju National Univ.)
25. w-17-10\_Personalization and Customization for Medical Tourism in Korea  
Seong Ae Hong(University of Kongju), Jong Yeon Kim(University of Yeungnam)
26. w-17-11\_The Development of the Relay supply Device Using the Air  
Young Min, Kim(Kongju National Univ), Chi-Su, Kim(Kongju National Univ)
27. w-17-12\_The Influence of Perceived Risk on School Foodservice by College Students  
Hei-Ryeo Yoon(Kongju National Univ)
28. w-17-13\_The Recognition of Green-Table on Food Consumption in Korea  
Hei-Ryeo Yoon(Kongju National Univ)

29. w-18-08\_Chaos Synchronization of Two Identical 4D Chaotic Systems via Active Backstepping Method  
Sung-Hoon Yu(Yonsei Univ), Chang-Ho Hyun(Kongju National Univ), Mignon Park(Yonsei Univ)
30. w-18-09\_Development of a wind turbine simulator system for dynamic performance test  
AhmedG. Abo-khalil(Majmaah University), Byung gyu Yu(Kongju National Univ)
31. w-18-10\_DSP based Digital Weaver Modulator for Ultra-Sound Communications  
Won-ho Kim(Kongju National Univ), Soo-yeong Jeong(Kongju National Univ), Moon-jung Kim(Kongju National Univ)
32. w-18-11\_Low Impedance Power Distribution Network Using Half Via Structure  
Yu Soon Park(Kongju National University), Won-Ho Kim(Kongju National University),  
Moon jung Kim(Kongju National University)
33. w-18-12\_Robust Tracking Control based on Nonlinear Disturbance Observer for Wheeled Mobile Robots  
Hyo-Seok Kang(Yonsei Univ), Chang-Ho Hyun(Kongju National Univ), Heejin Lee(Hankyong National Univ),  
Mignon Park(Yonsei Univ)
34. w-18-13\_Scanning based maximum power point tracking method for PV inverter  
Byunggyu Yu(Kongju National Univ), Ahmed Galal Abo-Khalil(Majmaah University)
35. w-18-14\_Study on the physical properties of polycarbonategraphene oxide composites by in-situ polymerization and melt mixing  
Bom Yi Lee(Kongju National Univ), Youn Cheol Kim(Kongju National Univ)
36. w-18-15\_Vision Sensor Based Collision Protection for Indoor Automatic Guided Vehicles  
Chang-Ho Hyun(Kongju National Univ), Byoung Su Lee(Soonchunhyang Univ), Seungwoo Kim(Soonchunhyang Univ)

37. w-19-01\_A Case Study on the Disruptive Innovation in Korean Medical Device Industry : Based on Christensen Hypothesis  
Jin-Kyu Lim(Konkuk Univ), Jaemin Park(Konkuk Univ)
38. w-19-02\_A Mixed Model of Technology Level Assessment and Forecasting : A Case Study on Photovoltaic Technology  
Seunghwan Oh(Seoul National Univ), Sung moon Jung(Seoul National Univ), Jaemin Park(Konkuk Univ), Chang Sun Kim(KETEP)
39. w-19-03\_A Study on Technological Innovation Capabilities and Business Ecosystem  
Mujang Byun(Konkuk Univ), Jungwoo Kim(HRDSservice of Korea), Jaemin Park(Konkuk Univ)
40. w-19-04\_A study on the efficiency method of R&D Funding Agency : Focusing on the national R&D planning and evaluation cost  
Lee Jung soo(KSA), Jeon Hee sung(KISTEP), Kim Hyun min(KISTEP)
41. w-19-05\_A Study on the International Cooperation of Science and Technology based on Industry- University-Institute Cooperation in the Regional Level Based on the Case of Gyeonggi Province  
Hyeongrye Cho(Konkuk Univ), Joong Yang Jeon(Konkuk Univ), Jung Soo Lee(KSA)
42. w-19-06\_Application Plan for National Research and Development Outcomes  
LeeJung soo(KSA), Jeon Hee sung(KISTEP), Kil Boo jong(KISTEP)
43. w-19-07\_System Improvement for Calculating Indirect Cost of National R&D Projects Focused on the Case of Universities  
Lee Jung soo(KSA), Jeon Hee sung(KISTEP), Hwang Myung-koo(KISTEP)
44. w-19-08\_The effect technological innovation by small and medium sized corporations has on corporate performance  
Joong Yang Jeon(Konkuk Univ), Byung Soo Kang(Konkuk Univ), Jung Soo Lee(KSA)

45. w-20-06\_Why Security Awareness Education is Not Effective  
Myung-Seong Yim(Sahmyook Univ)
46. w-20-07\_An examination of RIM'S future prospects in the context of rapid change in the global smartphone industry  
Duk-Shin Oh(Sahmyook Univ), Kyu-Hwan Jang(Sahmyook Univ)
47. w-20-08\_Understanding the Relationship between Technostress and Perceived System Quality : An Investigation across Gender and Age  
Myung-Seong Yim(Sahmyook Univ)
48. w-20-09\_An Examination of the Mediating Role of Organizational-Based Self-Esteem on the Relations between Perceived Organizational Support and Contextual Performance  
Ahra Oh(Sogang Univ), Tae Hee Lee(Sogang Univ), Hyunjeong Nam(Sogang Univ)
49. w-20-10\_An Analytical Study on Future Trends of the Smartphone Industry based on case of Google's Acquisition of Motorola Mobility  
Sung-Wook Choi(Sahmyook Univ), Young-Wook Yoon(Sahmyook Univ), Min-Seok Choi(Sahmyook Univ)
50. w-20-11\_The effect of transcutaneous electrical nerve stimulation in women with slow-transit constipation  
Seungwon Lee(Sahmyook Univ), Jongeun Yim(Sahmyook Univ), Wonjae Choi(Sahmyook Univ)
51. w-20-12\_An Analysis of a Human Movement for Recognition and Retrieval Applications  
Minseok Choi(Sahmyook Univ), Sungwook Choi(Sahmyook Univ)
52. w-20-13\_Evaluating the Buying Behavior Using Network Analysis  
Hyeon su Byeon(Korea National University of Transportation)
53. w-20-14\_The Study on Decision Making and Performance of Shipping Investment by Market Sentiment  
Dong-jin BAE(Ceo of eunghae), Tae-hee Lee(Lecturer of Sogang Business School)
54. w-20-15\_The influence of interactive use of PMS on justice, organizational commitment, and managerial performance  
Leem, Tae-Jong(Sahmyook Univ), Lee, Sang-Wan(Dong-A Univ)



01. w-21-10\_A Location Based Service Using RFID in Exhibition Hall  
Kim-So Hyeon(Jeju National Univ), Do hyeun Kim(Jeju National Univ)
02. w-21-11\_A Study of Log Analyzer based on Mapper and Reducer for Resolving Webpages  
Erdenebat Bayarmagnai(Jeju National University), Rashid Ahmad(Jeju National University),  
Kim Do-Hyeun(Jeju National University)
03. w-21-12\_A Study on PMIPv6-Based Nested Network Mobility Support  
Hee-Dong Park(Korea Nazarene University)
04. w-21-13\_Certification Validation Scheme for the Region-based Certificates in Vehicular Networks  
Hyun Gon Kim(Mokpo National University)
05. w-21-14\_Cryptographic Synchronization Method Based on Watermarking in Image Encryption System  
Youngho Son(ETRI), Keunsung Bae(Kyungpook National University), Jinkeun Hong(Baekseok University)
06. w-21-15\_Dual Paternity?: Reconsidering the Marital Presumption of Paternity in the New Era  
Jung Chul Hah(Baekseok University)
07. w-21-16\_Effects of a Parenting Educational Program on Parenting Knowledge, Efficacy, and Burden in Married Immigrant Women in South Korea  
Misoon Jeon(Baekseok University), Sunghee Park(Kunsan National University),  
Yoonyoung Hwang(Seoul Women's College of Nursing)
08. w-21-17\_Effects of an Educational Program on Pre-and Postpartum Self-care Knowledge, Efficacy of Self-care, and Interest in Health of Marriage Immigrant Women in South Korea  
Misoon Jeon(Baekseok University), Yoonyoung Hwang(Seoul Women's College of Nursing)
09. w-21-18\_Inverter Design with resistance to SPA(Simple Power Analysis)  
Kyeong-Hyo Lee(Mokpo University), Seok Won Jung(Mokpo University)
10. w-21-19\_Personalized Music Recommendation Method with AHP-based Overall Significance Analysis  
Il-Kyoung Kwon(Kongju National University), Sang-Yong Lee(Kongju National University)
11. w-21-20\_Research on Routing Cost-Based Smooth IP Handover  
Hee-Dong Park(Korea Nazarene University)
12. w-21-21\_The Analysis of Randomness for Ring Oscillator based True Random Number Generator  
Sun-Chun Park(ETRI)

13. w-22-01\_A Study on Management of Technology Education Game Method  
Joong Yang Jeon(Konkuk University)
14. w-22-02\_A Study on Next Generation Insurance System Development  
Joong Yang Jeon(Hankuk University of Foreign Studies), Jun Il Lee(Samil PwC)
15. w-22-03\_A study on INNOPOLIS Network Activation for Science & Technology Development  
Joong Yang Jeon(Konkuk University)
16. w-22-04\_A Study on Influential Effect of Learning Motivation and Volition to Entrepreneurship and Company Performances according to Technology Based Entrepreneur  
Jung Hyun Song(Chungang University), Joong Yang Jeon(Konkuk University), Jin Su Kim(Chungang University)
17. w-22-05\_A Measure to Create a Service Creation through a Passenger Process Simplification  
Joong Yang Jeon(Hankuk University of Foreign Studies)
18. w-22-06\_Platform Business Modeling Strategy : Focusing on the case of Smart Car  
Joong Yang Jeon(Konkuk University), Jong Soon Park(Seoil University)
19. w-22-07\_A Study on How to Measure ROI of Social Media  
Joong Yang Jeon(Konkuk University), Hyeong rye Cho(Konkuk University), Jong Soon Park(Seoil University)
20. w-22-08\_Science and Technology Innovative Creation Plan Using Smart-Work : Based on Government Public Organization Relocation to Provinces  
Joong Yang Jeon(Hankuk University of Foreign Studies)
21. w-22-09\_Empirical Research of Accessing Quality of Web based Multimedia Database  
Soon Han Bae(Hankuk University of Foreign Studies), Joong Yang Jeon(Hankuk University of Foreign Studies)
22. w-22-10\_Analyzing determinants of Customer Brand Relationship Quality and Effects of Word of Mouth on Consumer's Attitude  
Soon Han Bae(Hankuk University of Foreign Studies), Joong Yang Jeon(Hankuk University of Foreign Studies)
23. w-22-11\_Research of Structural Design of Multimedia Database System and Proposal of Efficient Searching Method  
Soon Han Bae(Hankuk University of Foreign Studies), Joong Yang Jeon(Hankuk University of Foreign Studies), Seung Hwan Choi(OpenTide Korea)

▶▶ 12:00 ~ 13:00 Lunch Time

24. w-25-20\_An Analysis on the Economic Effects of R&D investments of IT BT NT ET Industry in Korea  
Sung Tai Kim(Cheongju University), Gyeong Lyeob Cho(Korea Economic Research Institute)
25. w-25-21\_The Impact of Yen Exchange Rate on Japanese Tourism in Korea  
Junghye Kah(Cheongju University), Seong-Hoon Lee(Cheongju University)
26. w-25-22\_The Foreign Ownership and the Debt Maturity Structure  
Youngmok Choi(Cheongju University), Jeongmi Choi(Cheongju University)
27. w-25-23\_IT Applications in Container Shipping and Supply Chain Integration  
Park Seung-Lak (Cheongju University)
28. w-25-24\_CSR Development Stage and CSR Effect  
Jae Mee Yoo(Cheongju University), Mi Lim Chon(Cheongju University)
29. w-25-25\_Effects of Job Mobility on Wage Growth in Korea  
Sung Tai Kim(Cheongju University), ByungIn Lim(Chungbuk National University),  
Myoung Kyu Kim(Cheongju University)
30. w-25-26\_Organizational Citizenship Behavior as a mediator between Emotional Labor on Task Performance  
Woojae Choi(Cheongju University)
31. w-25-27\_The Effects of Student's Self-efficacy and Internal Locus of Control on Academic Performance : The Moderating role of Class Satisfaction  
Woojae Choi(Cheongju University)
32. w-25-28\_An Exploratory Study on Addictive Use of Smartphone : Developing SAUS Smartphone Addictive Use Scale  
Won-jun Lee(Cheongju Univ)

▶▶ 14:20 ~ 14:30 Break Time

33. w-25-11\_H-O Model of Bilateral Trade between South Korea and Southeast Asia depending on Technology  
Seong-Hoon Lee(Cheongju University), Young wan Goo(Chungbuk National University)
34. w-25-12\_Latent Class Growth Modeling of Korean Males Smoking Patterns and its Association with Levels of Depressive Symptoms  
Jina Jun(Korean Institute of Health&Social Affairs), Sunju Sohn(Cheongju University),  
Hyunyoung Park(Case Western Reserve University)
35. w-25-13\_How does CSR affect employees' behavior  
Mi Lim Chon(Cheongju University), Jae mee Yoo(Cheongju University)
36. w-25-14\_Why Might the US Need to Reform Secondary Education for Long-Term Economic Growth  
Young-Bae Kim(Cheongju University)
37. w-25-15\_A Tradeoff between National Income and Regional Growth Evidence from the EU  
Young-Bae Kim(Cheongju University)
38. w-25-16\_Social Networks and Knowledge Management  
Hyang-Soo Lee(Konkuk University), Seong-Hoon Lee(Cheongju University)
39. w-25-17\_The Difference between Public and Private Organizations in Knowledge Management  
Hyang-Soo Lee(Konkuk University), Seong-Hoon Lee(Cheongju University)
40. w-25-18\_Estimation of Fractional Dependent Variables Observed on  $[0, 1)$  With an Application to Firm Capital Structure  
Young Mok Choi(Cheongju Univ)
41. w-25-19\_An Empirical Investigation of Relationships among Incompatibility, Conflicts and Subjective Happiness in Collaborative Work  
Se Hun Lim(Sangji Univ), Young Mok Choi(Cheongju Univ)

▶▶ 15:50 ~ 16:00 Break Time

42. w-26-01\_Passive Control of Along-wind Response of a Tall Building  
Y. M. KIM(Chonbuk National University), K .P. YOU(Chonbuk National University), J. Y. YOU(Chonbuk National University)
43. w-26-02\_A Study on Diversified Inlets to Construct a Wind Turbine System on the Roof of a High-rise Building  
Ki-Pyo, You(Chonbuk National University), Jang-Yul, You(Chonbuk National University), Young-Moon Kim(Chonbuk National University)
44. w-26-06\_Effect of Wind Fences in Reducing Wind Velocity at Fruit Farms  
Ki-Pyo, You(Chonbuk National University), Young-Moon, Kim(Chonbuk National University)
45. w-26-05\_Analysis of Change in the Wind Velocity Ratio according to Apartment Arrangement Type by CFD analysis  
J. Y. YOU(KOCED Wind Tunnel Center), K. P. YOU(Chonbuk National University), Y.M . KIM(Chonbuk National University)
46. w-26-04\_Aerodynamic Across-wind Response for a Tall Building Using Tuned Liquid Column Damper  
Jang-Youl You(KOCED Wind Tunnel Center), Ki-Pyo You(Chonbuk National University), Young-Moon Kim(Chonbuk National University)
47. w-26-03\_Across-wind Response of a Tall Building  
Y. M. KIM(Chonbuk National University), K. P. YOU(Chonbuk National University), J. Y. YOU(Chonbuk National University)
48. w-26-07\_Evaluation of Snow Load Using a Wind Tunnel for the Arched House  
S. Y. PAEK(Chonbuk National University), J. Y. YOU(KOCED Wind Tunnel Center), K. P. YOU(Chonbuk National University), Y. M. KIM(Chonbuk National University)
49. w-26-08\_Snow Wind Tunnel Experiment for Snowfall Prediction of Domed Stadium  
B. H. NAM(Chonbuk National University), J. Y. YOU(Chonbuk National University), K. P. YOU(Chonbuk National University), Y. M. KIM(Chonbuk National University)

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50. MT-17\_Mechanical Dither Design of Laser Gyroscope by the Static Consideration  
Jeong-Ick Lee(INHA Technical College)
51. MT-19\_Modeling of the Reheater in Once-Through Boiler using Neural Network  
Soonyoung Lee(Gyeongsang National University), Li Yun Peng(Gyeongsang National University)
52. MT-20\_Observation on system spread angle through power flow computation for 2010 summer peak of Korea power grid  
Sang Joong Lee(Seoul National University of Science and Technology), Woon-Hee Lee(Korea Power Exchange))
53. MT-21\_Plastic analysis of deep rectangular box with thin metal sheet for drawing process  
Jae-Young Kim(Kongju National University) Key-Sun Kim (Kongju National University)
54. MT-23\_Structural analysis of the impact beam manufactured by roll-forming process  
Tae-hyeon Park(Kongju National University), Jae-Ho Jang(Kongju National University),  
Key-Sun Kim(Kongju National University)
55. MT-24\_Study of pneumatic press of stroke control type using include slide block  
Sung Hoon Oh(Chon-buk National University)
56. MT-25\_Study on structural durability of automotive rear seat frame with high strength steel plate  
Ho Sun Cho(Kongju University), Jae Ung Cho(Kongju University)

# **Oral Presentation**

**:: Thursday July 4, 2013 ::**

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01. w-24-08\_A Physical Computing Approach to a Sensitive Fabric Map as an Input Device for Controlling Computer Graphics  
Taehee Kim(Youngsan University)
02. w-24-07\_Development of New Health Care Program for Seniors in Daycare Center  
Jeongwon Han(Catholic University of Pusan), Hun Choi(Catholic University of Pusan), Bong gi Jun(Silla University)
03. w-24-01\_Automatic Golf Swing Analysis using Kinect  
Pyeong-Kee Kim(Silla University)
04. w-24-02\_The cooperative work of Humanoid robots to escape from maze  
Bonggi Jun(Silla University)
05. w-24-03\_An Empirical Study on the Recovering Trust Process of Smart-phone Applications According to Gender  
Hun Choi(Catholic University of Pusan), Yoo Jung Choi(Pusan National University), Cheul Woo Ro(Silla University)
06. w-24-04\_Health Care Model for Cardiac Patients  
Jeong-Won Kim(Silla University)
07. w-21-06\_Multiple-round Side Channel Attacks on Hardware DES  
Min Ku Kim(Ubivelox), Dong-Guk Han(Kookmin University), Heuisu Ryu(Gyeongin National Univ. of Education)
08. w-24-09\_Dynamic Composition Using an Abstract Font in an Interactive Video Installation  
Taehee Kim(Youngsan University), Joocheon Lee(Hongik University)

09. w-24-05\_A Disk Block Movement Policy for Solid State Hybrid Drive  
Jeong-Won Kim(Silla University)
10. w-24-06\_The level of understanding the attitude of an effective governance framework of Small Design Companies in Korea  
Seungpok Choi(Silla University)
11. w-21-09\_Error Rate Analysis of Block Cipher CBC Algorithm  
Jinkeun Hong(Baekseok University)
12. w-24-10\_Load dependent VM Management in Cloud Computing  
Cheul Woo Ro(Silla Univ.)
13. w-24-11\_GoS Analysis considering Reneged Calls using Simpy in Wireless Networks  
Cheul Woo Ro(Silla Univ.)
14. w-24-12\_The Effect of Personality Traits in a Blended Learning Environment  
Jin-Young Kim(Ulsan National Institute of Science and Technology)
15. w-1-09\_The Current Situation of Smart Advertising and its Activation Plan in South Korea  
Sung Ho Park(Honam University)
16. w-1-10\_Impact of Korean Multi-Cultural Family Education Programs on Their social Integration  
Sae-Yoon Oh(Honam University), Ik-Joon Kim(Honam University)
17. w-1-12\_A Comparative Study on the Exit Rates of Korean Firms in Foreign Markets  
Sunghoon Hong(Honam University)

▶▶ 12:00 ~ 13:00 Lunch Time

18. w-8-03\_Analysmis of Patients with Severe Trauma Caused by a Motorcycle Accident  
In-Gyu You(Hanseo University), Cheong-Hwan Lim(Hanseo University)
19. w-8-06\_Effects of Users' Values on Users' Satisfaction and Intention to Use of Smartphone Games  
Young-Ho Hwang(Kunsan National University),  
Yoo-Jin Moon(Hankuk University of Foreign Studies),  
Woo-Taek Hwang(NewYork University)
20. w-8-07\_Evaluation of Linearity air Kerma Applied to the IEC 60601-2-45 Standard in the Mammographic X-ray  
Dong-Hee Hong(Hanseo University), Hong-Ryang Jung(Hanseo University), Song-yi Han(Seonam University)
21. w-8-11\_Relevance of Fatty Liver Disease and Colorectal Polyps Which were Diagnosed by Ultrasonography  
Hye-Nam Lee(Hanseo University), Cheong-Hwan Lim(Hanseo University),  
Jong-Seok Lee(Wonkwang Health Science University), Mi-Soon Park(Hanseo University)
22. w-8-12\_SEM Study on the Head Lice Nit Detected in Korea Child  
Mi-Soon Park(Hanseo University), Byung-Soo Chang(Hanseo University), Cheong-Hwan Lim(Hanseo University),  
Hye-Nam Lee(Hanseo University)
23. w-8-14\_Study on the Due to Weight in Difference Set-up Head and Neck Cancer Patients During Radiation Therapy  
Shim Jae Goo(Hanseo University), Jung Hong Ryang(Hanseo University), Seo Jung Min(Daewon University College),  
Jeon Sung Jin(Samsung Medical Center), Kim Jin Man(Samsung Medical Center),  
Park Byong Suk(Samsung Medical Center), Song Ki Won(Samsung Medical Center)
24. w-8-16\_Sustainable rural tourism in Korea : A perspective from Village festival  
Soon Hwa Kang(Woosuk University)
25. W12-04\_Culture and Welfare states : enhance Efficiency and Satisfaction of the Culture Voucher Policy  
Lee Woo-Hyun(Korea International Culture University)
26. W12-05\_An Influence of Images of Job Applicants on Interviewers' Judgment  
Kim, Hye ri(Korea International Culture University), Lee, Aeng ju(Korea International Culture University),  
Kim, Hye seung(R&J Color Laboratory of Korea Image Management Academy)

▶▶ 14:20 ~ 14:30    **Break Time**

27. w-1-01\_How do use motives and psychological characteristics of smart phone users affect smart phone addiction?  
Young-Joo Lee(BaekSeok Culture University), Seung-Yeob Yu(Namseoul University)
28. w-1-02\_What are the factors that affect the behavior of Reward application?  
Dongsup Youm(Namseoul University), Seung Yeob Yu(Namseoul University,)
29. w-1-03\_Advertising Effect Depending on Web Contexts, Expression Strategies and Ad Clutters  
Seung Yeob Yu(Namseoul University), Eun Hee Kim(Mokwon University)
30. w-1-04\_The effect of Interactive Participatory Advertising and of its Use Experiecn  
Yun Seul Choi(Hanyang University), Seung Yeob Yu(NamSeoul University)
31. w-1-05\_Analysis of Bacteria-Free Living Amoebae Interactions in Environments  
Mi-Hyeon Kang(Namseoul University), Suk-Yul Jung(Namseoul University),  
Woo-Hyung Lee(Namseoul University)
32. w-1-06\_Application of Green Husk of *Juglans regia* Linn and Effect of Mordants for Staining of Silk  
Su-Youn Park(Konkuk University), Jin-Sook Hwang(Konkuk University), Suk-Yul Jung(Namseoul University)
33. w-1-07\_Factors Affecting The Sense of Happiness of Boys and Girls are different? - Focused on Korean Adolescents  
Mi, Yu(Namseoul University), Jung Hyun Choi(Namseoul University), Kyung Eun Kim(Namseoul University)
34. w-1-08\_A Study on Non-verbal Communication in the Political Public Relations  
Kim Man Ki(Namseoul University), Kim gyu hyun(Yonsei University)

▶▶ 15:50 ~ 16:00 Break Time

35. w-21-01\_Architecture of Configuration Management for Maintaining Sensor Networks  
Min jung Ko(SINSIWAY Cooperation), Jun pil Boo(Jeju National Univ), Do hyeun Kim(Jeju National Univ)
36. w-21-02\_Effects of Side Channel Analysis on Eight-Shuffling AES Implementations techniques  
Yoo-Seung Won(Kookmin University), Dong-Guk Han(Kookmin University), Dooho Choi(ETRI)
37. w-21-03\_Characteristics of Ghost-Keys Revealed by CPA on Practical Second Order Countermeasures  
Hyun-Jin Ahn(Kookmin University), Dong-Guk Han(Kookmin University)
38. w-21-04\_Noise Reduction Technique using an Analog Receiver to Improve SPA  
Seung-Kyu Jang(Kookmin University), Dong-Guk Han(Kookmin University), Okyeon Yi(Kookmin University)
39. w-21-05\_Efficient Second-Order Power Analysis using Biasing Hamming Weight  
Wan-Seung Choi(Kookmin University), Dong-Guk Han(Kookmin University)
40. w-21-07\_Physical Security Analysis against Skein Hash Algorithm  
Ae-sun Park(KISA), Dong-Guk Han(Kookmin University), Young-Ho Park(Sejong Cyber University)
41. w-21-08\_A Fault Attack and countermeasure on Elliptic Curve Scalar Multiplication based on Euclidean Addition Chain  
Tae won Kim(Korea University), Young Ho Park(Sejong Cyber University), Soo Jeong Lee(Korea University)
42. w-14-08\_Communication of a Model for Education of Identity Based on the Epistles (Referring to the film, *Charlie and the Chocolate Factory*)  
Deokman Kim(Baekseok University)

01. w-7-01\_An Analysis on the Criticality of Logistics Performance  
Soo hwan Jung(Hansung University), Jung Wan Hong(Hansung University), Kwan-Sik Na(Seowon University),  
Yen Yoo You(Hansung University)
02. w-7-02\_Forecasting of the Promising Next Generation Mobile Communication Technologies  
Seung Wook Choi(Hansung University), Yen Yoo You(Hansung University), Kwan Sik Na(Seowon University)
03. w-7-03\_A study of Financial Statements Reporting System based on XBRL in accordance with  
K-IFRS  
Joon Soo Jeong(Hansung University), Yen Yoo You(Hansung University), Kwan-Sik Na(Seowon University)
04. w-7-04\_Study as to impact of consultant competency on customer participation and consulting  
outcome in consideration with follow-up management and adjustment effect of consulting  
experience  
Dong Ju Shin(Hansung University), Yen Yoo You(Hansung University), Kwan Sik Na(Seowon University),  
Do Sung Na(Hansung University)
05. w-23-1\_Development of Attention Improvement Robot Education Program  
Hyun wook Nam(Cheongju National University of Education)
06. w-23-3\_Brand preference of masstige consumer and buying tendency of high-end electronic  
appliance according to the change of side-by-side refrigerator's surface  
Sun-Yong Kim(Hansung University), Jong-Chan Jeon(Hansung University)
07. w-23-2\_Development of Mobile Application for Elementary Map Lesson  
Jeonghye Han(Cheongju National University of Education), Kwang Woo Nam(Kunsan National University)

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08. GSDC-02\_An integrated system for bioinformatics analysis pipelines using cloud computing resources  
Youngmahn Han(KISTI), Hyunsik Kim(KISTI)
09. GSDC-04\_The Structure of TiO<sub>2</sub> Nanoparticles : A Theoretical Study  
Eunae Kim(Chosun University), Min Sun Yeom(KISTI)
10. GSDC-07\_Web Visualization Service for computing simulation service of Engineering Education and Research  
Jin Seung Yu(KISTI), Duk Yun Nam(KISTI), Kum Won Cho(KISTI), Hoon Ryu(KISTI),  
Jae Cheol Ryou(Chunam National University)
11. GSDC-08\_Accurate QoE measure of Video Conferencing Network based on CyberLab  
Jin Kim(KISTI), Sung Yun Yu(KISTI), Hee Jun Yoon(KISTI)
12. GSDC-09\_An empirical analysis of GSDC policy network  
Man-hung Cho(Hannam University)

▶▶ 12:00 ~ 13:00 **Lunch Time**

13. NTIS-01\_A Study of Quality Control Methods for Guaranteeing Reliability of Distributed Data Interoperability  
kiseok Choi(NTIS Center), Young-Kuk Kim(Chungnam National University)
14. NTIS-02\_Design of National R&D Researchers Network in NTIS  
MyungSeok Yang(KISTI), Kwang Nam Choi(KISTI), Nam Gyu Kang(KISTI), Min Woo Park(KISTI),  
Ok Nam Jeong(Ministry of Science, ICT & Future Planning), Young Kuk Kim(Chungnam National University)
15. NTIS-03\_Systematical Classification Scheme Management to provide efficient National R&D Service  
Wongoo Lee(KISTI), Kangryul Shon(KISTI), Doheon Jeong(KISTI), Jaesoo Kim(KISTI)
16. NTIS-05\_A Strategic Method of CSM for Facilitating Service  
Sang-kuk Kim(KISTI), Sung-soo Ahn(KISTI), Won-kyun Joo(KISTI), Jae-sung Kim(KISTI)
17. NTIS-06\_A Study on Improving Management of Information System Project  
Sung-Soo Ahn(KISTI), Sung-Nam Cho(KISTI), Taik-Yeong Chung(KISTI), Jae-Sung Kim(KISTI), Sang-Kuk Kim(KISTI)
18. NTIS-07\_The Legal Issues of Cloud Computing Service and the Legislative Measures in Korea  
Yoon Chong-min(Chungbuk National University)
19. NTIS-08\_Integrated Management System of Document Delivery Service Through NDSL in Korea  
Ji-Young Kim(KISTI) , Seon-Hee Lee(KISTI)
20. NTIS-09\_A Schema Matching based on Machine Learning Method with Semantic Meaning and Instance of Element  
Min-Ho Lee(KISTI), Won-Goo Lee(KISTI), Sun-Tae Kim(KISTI), Sang-Hwan Lee(KISTI), Yoon-Soo Choi(KISTI),  
Jae-Choel Ryou(Chungnam National University)

▶▶ 14:20 ~ 14:30    **Break Time**



21. GSDC-10\_Implementation of Monitoring System for Handling Status of a MapReduce Application  
Yun-Hee Kang(Baekseok University), Haeng-Jin Jang(KISTI)
22. GSDC-11\_Moderation of Consideration of Future Consequences on Inaction Inertia Effect  
Seongsoo Lee(Sun Moon University)
23. GSDC-14\_User-Verifiable Cloud Storage Service  
Sang-Bae Park(KISTI)
24. GSDC-15\_Dynamic S/W Packaging for Security Applications  
Sang-Bae Park(KISTI)
25. GSDC-16\_Data Service Tightly Coupled with Reproduction for Comparative Study  
Daeyoung Heo(Kookmin University), Suntae Hwang(Kookmin University)
26. GSDC-17\_The communication performance evaluation between the remote server and SmartMobile using the Biometric information in the U-WHS environment  
Jae-Pil Lee(Hannam University), Young-Hyuk Kim(Hannam University, Il-Kwon Lim(Hannam University),  
Jae-Gwang Lee(Hannam University), Hyun-Nam gung(Hannam University), Jae-Kwang Lee(Hannam University)
27. GSDC-18\_A Study on Data Identification for the Protection of Personal Information in Digital Medical Imaging  
Jin Seop Shin(Chungnam Natl. University), Seong Min Yoo(Chungnam Natl. University), Sang Woo Kim(Chungnam Natl. University), Jae Cheol Ryou(Chungnam Natl. University), HaengJin Jang(Korea Institute of Science and Technology Information)
28. GSDC-55\_Cross-platform type malware detection method in cloud storage system  
Seungwook Min(Chungnam National University), Jaecheol Ryou(Chungnam National University),  
Wootak Jung(Chungnam National University), Jinseop Shin(Chungnam National University)
29. GSDC-19\_A Study on Performance Measurement of High Throughput Computing over Virtual Resource  
Gyeong-Ryoon Kim(KISTI), Amol Jaikar(KISTI), Seo-Young Noh(KISTI)

▶▶ 15:50 ~ 16:00 Break Time

30. GSDC-20\_MapReduce Application for K-means Clustering using Preprocessing Phase  
Yun-Hee Kang(Baekseok University), Haeng-Jin Jang(KISTI)
31. GSDC-21\_Black Offset Effect Minimization in Multi-projection Display  
Yongju Cho(ETRI), Jihun Cha(ETRI), Seo-Young Noh(KISTI), Muhammad Murtaza Khan(NUST SEECS),  
Hassaan Saadat Qureshi(NUST SEECS), Rehan Hafiz(NUST SEECS)
32. GSDC-22\_Research on Patient-oriented Circulation Loop DB System adopting HDFS  
Jae-Gwang Lee(Hannam University), Il-kwon Lim(Hannam University), Young-Huyk Kim(Hannam University),  
Jae-Pil Lee(Hannam University), Hyun-Namgung(Hannam University), Jae-Kwang Lee(Hannam University)
33. GSDC-52\_An Implement of the Regular expression-based intrusion detection system using a  
propose distributed processing system  
Ji-Woo Choi(Kongju University), Chang-Ho Seo(Kongju University), Myung-Jin Chun(Kongju University),  
ki-Moon Jeong(KISTI), Pan-Koo Kim(chosun University)
34. GSDC-56\_The study of security training system coping social engineering attacks  
Il-kwon Lim(Hannam University), Young-Hyuk Kim(Hannam University), Jae-Gwang Lee(Hannam University),  
Jae-Pil Lee(Hannam University), Hyun Nam-Gung(Hannam University), Jae-Kwang Lee(Hannam University)
35. GSDC-13\_Design and Implementation of Multi-projection Based Panorama Rendering System  
Sangwoo Ahn(ETRI), Yongju Cho(ETRI), Sungwoong Ra(Chungnam National University), Jihoon Cha(ETRI)
36. MT-26\_Study on the Performance Characteristics of the Ranque-Hilsch Tube  
Doo-Seuk Choi(Kongju National Univ.), Seong-Cheol Cho(Kookje Univ.), Sung-Young Park(Kongju National Univ.)
37. MT-28\_The study of the vibration of vehicle exhaust system  
Yoo-jong Lee(Kongju National University ) Key-sun Kim(Kongju National University),  
Doo-seuk Choi(Kongju National University)

01. w-6-01\_Collaborative R&D, Performance and Its Orientation in Korean GSRI  
Kwan-Kyu Park(Korea University)
02. w-6-02\_Dynamics of priority setting in the selection of government R&D projects  
Min cheol Ha(Cheong-ju University)
03. w-6-03\_Public Acceptability of Technological Risk : Implications for Policy-making and Governance  
SungWook Choi(Chonnam National University)
04. w-6-04\_Successful Factors of National R&D Planning : Focusing on the G7 project in Korea  
Sungman Hong(Anyang University)

05. IT-003\_3D Shape Recovery based on Polynomial Regression Analysis  
Sung-An Lee(Gwangju Institute of Science and Technology),  
Tae-Sun Choi(Gwangju Institute of Science and Technology)
06. IT-004\_STEM/STEAM Education with Robotics in Elementary School Curriculum  
Ki-Cheon Hong(Jeonju National University of Education)
07. IT-005\_A Study on IP-MPC by Using Individual Pitch Pulse at 8kbps  
SeeWoo LEE(SANGMYUNG University)
08. IT-006\_How Social Interaction Influences the Wisdom Effect  
Soonduck Yoo(Hansei University),  
Kwangdon Choi(Hansei University)
09. IT-024\_The Dynamic Integration Operating Techniques of the Heterogeneous Elevator Models  
Woon-Yong Kim(Gangwon Provincial College),  
Soon-Ghon Kim(Joongbu University)
10. IT-025\_A Festival Satisfaction Evaluation Method using Neural Network Analysis  
- 2012 CIOFF<sup>®</sup> World Folkloriada Anseong  
Bok-Hee Jung(Joongbu University),  
Soon-Ghon Kim(Joongbu University)
11. IT-170\_Gesture-based Avatar Animation Using Kinect Sensor  
Hyun-Cheol Yoon(Incheon National University), Jong-Seung Park(Incheon National University)

▶▶ 12:00 ~ 13:00 Lunch Time

12. IT-010\_The Design and Implementation of Cell-Image Analysis System  
Ho-Young Kwak(Jeju Nat'l University), Ki-Bum Sim(Jeju Nat'l University), Ji-Soon Huh(Jeju Nat'l University),  
Tae kyun Shin(Jeju Nat'l University), Yong-Suk Lee(Korea Institute of Radiological & Medical Sciences)
13. IT-012\_Design and Simulation of a Hybrid Curved Lens Array  
Do-Hyeong Kim(Chungbuk National University), Ji-Sung Jeong(Chungbuk National University),  
Jea-Won Lee(Chungbuk National University), Ki-Chul Kwon(Chungbuk National University),  
Nam Kim(Chungbuk National University), Kwan-Hee Yoo(Chungbuk National University)
14. IT-013\_A Precise Moving Control of an Automatic Guided Vehicle In a Narrow Indoor Environment  
Youn-Sik Hong(Incheon National University), Hye-Gyeong Jeon(Tech Korea Co.,Ltd)
15. IT-014\_Location based Mobile User Authentication on Mobile Network  
Sunghyuck Hong(Baekseok Univ)
16. IT-015\_A Study on Contents Security Using Virtual Space in Mobile Platform Environment  
Jong Kuyng Baek(Soongsil University), Jea Pyo Park(Soongsil University)
17. IT-016\_An Efficient Algorithm for Crowd Simulation  
Jae Moon Lee(Hansung University), Kitae Hwang(Hansung University)
18. IT-078\_Study of Interaction for Effectiveness of Cyber Lecture  
Sae-Hong Cho(Hansung Univ), Ilmin Kim(Hansung Univ), Dae-Hoon Hwang(Gachon Univ)
19. IT-091\_Design and Implementation of a 3D Integrated Smart Educational Content Viewer  
Ji-Seong Jeong(Chungbuk National University), Jong-Oh Kim(Chungbuk National University),  
Do-Hyeong Kim(Chungbuk National University), Sun-Ock Kwon(Chungbuk National University),  
Seong-Yeon Ju(Chungbuk National University), Jae-Won Lee(Chungbuk National University),  
Jin-Kook Kim(Chungbuk National University), Chan Park(Korea Internet Software),  
Myeong-Sook Im(Korea Internet Software), Kwan-Hee Yoo(Chungbuk National University)

20. w-10-01\_Data Integrity Assurance Scheme of Big Data in Cloud Environment  
Yoonsu Jeong(Mokwon University), Sangho Lee(Chungbuk National University)
21. w-10-02\_Analysis of Smartphone Security Problem - Android and iPhone  
Yong-Tae Kim(Hannam University), Yoon-Su Jeong(Mokwon University), Gil-Cheol Park(Hannam University)
22. w-10-04\_A Survey of Tree-based Multicast Routing Protocols for Mobile Ad Hoc Networks  
SungHee Woo(Korea National University of Transportation)
23. w-10-05\_s-Query Method for Personal Information Protection of Patients in u-Healthcare Environment  
Choi Jeong-Hee(Chungbuk Univ), Jeong Yoon-Su(Mokwon Univ), Lee Sang-Ho(Chungbuk Univ)
24. w-10-08\_The Integrated Medical Information System in Cloud Computing  
Youngbok Cho(Chungbuk National University), Sunghee Woo(Korea National University of Transportation), Sangho Lee(Chungbuk National University)
25. w-10-09\_The Energy Efficient Protocol in Wireless Sensor Network  
Youngbok Cho(Chungbuk National University), Sangho Lee(Chungbuk National University), Kyoungsoon Hwang(Chungbuk National University)
26. w-10-06\_Authentication Protocol in Immobilizer system  
Shin Mi-yea(Chungbuk National University), Woo-sik Bae(Ajou Motor College), Jeong Yoon-su(Mokwon University), lee Sang-ho(Chungbuk National University)
27. w-10-12\_Knowledge Representation of the Life Cycle of Cancer-related Viruses by Linguistic Approaches  
Kyoung Soon Hwang(Chungbuk National University), Kyung Mi Lee(Chungbuk National University), Keon Myung Lee(Chungbuk National University)
28. w-18-04\_Parked Vehicle Detection using Image Edge Analysis  
Yong-hun Lee(Kongju National Univ), Soo-yeong Jeong(Kongju National Univ), Won-ho Kim(Kongju National Univ)

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29. w-25-01\_Corporate Social Responsibility and Cost of Capital  
Mi Lim Chon(Cheongju University), Sang yun Park(Konyang University)
  30. w-25-05\_Parental and Neighborhood Factors Related to Parenting and Emotion Exchange Ability of Preschool-aged Children  
Sunju Sohn(Cheongju University), Hye-won Hwang(Cheongju University)
  31. w-25-06\_Weight Analysis of Success Factors for U-Health System  
Je Ran Chun(Daejeon Health Sciences College)
  32. w-25-07\_The Performance of Customer Relationship Management System : antecedents and consequences  
Hyun Gi Hong(CheongJu University)
  33. w-25-09\_The Effect of Ownership-control Disparity on the Choice of Debt Maturity  
Jeongmi Choi(Cheongju University), Young mok Choi(Cheongju University)
  34. w-25-10\_The Effect of Mandatory K-IFRS Adoption on Earnings Management-evidence from Korea.  
Hyun Taek Oh(Cheongju University)
  35. IT-209\_Business Model Innovation Using the Business Model Canvas : The Case of Online Automobile Insurance  
Se Hun Lim(Sangji University), Sukho Lee(Korea Institute of Finance)

01. IT-095\_Energy saving model for the PRAM-based SSD file system  
Jae Youl Lee(Kookmin University),  
Young Man Kim(Kookmin University),  
Jae-Il Han(Kookmin University)
02. IT-106\_Computing Camera Trajectories for Long Video Sequences  
Yong-Ho Kim(Incheon National University),  
Jong-Seung Park(Incheon National University)
03. IT-112\_Direction for UHD TV following HDTV  
Han, Hak Soo(Chungwoon University)
04. IT-127\_A Case Study on Subdivision of Land Boundary Setting for Cadastral Reform in Korea  
Sungeon Hong(Cheongju University), Hyun joon Lee(Kyungil University)
05. IT-128\_Adaptive Reduction of Motion Artifact from Photoplethysmographic Signal  
Junyeon Lee(Tongmyung University)
06. IT-129\_Design and Implementation of Good Food Restaurant Recommendation System Using Termite Clustering Model  
E-Seok Jo(Chonbuk National Univ), Yong-Sung Kim(Chonbuk National Univ)
07. IT-217\_Smart Phone Application using Bluetooth communication with Wristband for Snoring Prevention  
Dong-Su, Kim(Korea Univ), Il-Hyun, Lee(Korea Univ), Hyun-Jin, Shim(Korea Univ), Hyun-Sil, Lee(Korea Univ)



08. w-11-01\_The Effects of Stress, Depression, and Family System Perception on the Life Satisfaction of Women who Immigrate Due to Marriage  
InTaik Lim(Hanseo University), Chang Seek Lee(Hanseo University), Sheri N.Slick(Hanseo University)
09. w-11-02\_The Factors Affecting the Donation Behavior of Korean Adolescents  
Chang Seek Lee(Hanseo University), Sheri N.Slick(Hanseo University)
10. w-11-03\_Relative Levels of Hope and their Relationship with Psychological Characteristics among Rural Multicultural School Students  
Chang Seek Lee(Hanseo University), Don Reedy(Hanseo University)
11. w-11-04\_The Effect of Individual Moral Perspectives on Judicial Decision-Making Process in S. Korea  
Cho, Seung ho(Soongsil University), Cho, Sang-Hoon(Soongsil University)
12. IT-132\_Efficient Data-Bus Design and Implementation for a Smart Grid Simulator  
Jaewoong Kim(Gachon University), Sung Yong Son(Gachon University)
13. IT-135\_Patch-based Inpainting by Exploiting Distance Priority  
Bo-sung Kim(Incheon National University), Jong-Seung Park(Incheon National University)
14. IT-138\_Perspectives on Industrial Security Competence Based on Security Level Evaluation of SMEs  
Moon Sun KIM(Information & Management Research Consortium), Dae-Seong JEOUNE(Daegu Future College),  
Younghee LEE(Korea Communications Agency)
15. IT-154\_Development of Effective Pre-Visualization Authoring Tool Using Conversion Technologies  
Hyekyung Choi(Hansung Univ.), Sae-Hong Cho(Hansung Univ.)

▶▶ 12:00 ~ 13:00 Lunch Time

16. IT-157\_Semantic Similarity Extraction Method between Tags Using WordNet  
Sihwa Lee(Gachon Univ), Dae-Hoon Hwang(Gachon Univ), Sae-Hong Cho(Hansung Univ)
17. IT-158\_Query Processing Method for Peer-to-Peer OLAP on Cloud Computing  
Nam Hun Park(Anyang University), Ki Hong Joo(Gyeongin National University), Jin Tak Choi(Incheon University)
18. IT-166\_Performance Evaluation of Multi-Point Snakes Algorithm  
Se-Hun Lee(Kangwon National University), Je-Hoon Lee(Kangwon National University),  
Sang-Choon Kim(Kangwon National University)
19. IT-167\_Sensor Wake-up Algorithm in the Overlapped Coverage for Complex Sensor Network  
Sung-Yeol Choi(Kangwon National University), Je-Hoon Lee(Kangwon National University),  
Sang-Choon Kim(Kangwon National University)
20. IT-168\_Performance Evaluation of Segmented Asynchronous SRAM  
Je-Hoon Lee(Kangwon Nat' Univ)
21. IT-169\_Case Study for Defense IT Convergence and Development Directions  
Songi Kim(Yonsei University), Seungbae Sim(Korea Institute for Defense Analyses), Ho sang Jung(Inha University),  
Bong ju Jeong(Yonsei University)
22. IT-184\_A Study of Vulnerability Assessment for Personal Information in a Real Media Contents  
Jang-Mook Kang(Korea University), You-Jin Song(Dongguk University)

23. w-5-01\_A Consideration for Inelastic Flexural Strength of Monosymmetric and Non-prismatic I-beam  
Jong Sup Park(Sangmyung University), Albert Surla(Sangmyung University),  
Kathleen Mae Gelera(Sangmyung University)
24. w-5-02\_A Consideration on Inelastic Lateral-Torsional Buckling of Monosymmetric Stepped I-Beam with a Point  
Yi Seul Park(Research Institute of Industrial Science and Technology),  
Sung Yong Kang(Sangmyung University),  
Jong Sup Park(Sangmyung University)
25. w-5-03\_A Decision-making Model for IaaS Provider Selection  
Sangwon Lee(Hanyang University), Kwang–Kyu Seo(Sangmyung University)
26. w-5-04\_A Framework for Business Process Change Management  
Mookyung Jang(Namseoul University), Kwangmyeong Kim(Korea Productivity Center)
27. w-5-05\_Application of Value-based Adoption Model for SaaS Adoption in Korea  
Hong–Kyu Kwon(Namseoul University), Kwang–Kyu Seo(Sangmyung University)
28. w-5-06\_CAE simulation of HPDC Process with Automobile part (Oil Pan)  
Kwang–Kyu Seo(Sangmyung University), Hong–Kyu Kwon(Namseoul University)
29. w-5-07\_New Convergence Business Models by Applying Robot Service to Health and Welfare in Aging Society  
Hangoo Jeon(Korea Association of Robot Industry), Kwang–Kyu Seo(Sangmyung University)
30. w-5-08\_Priority Disciplines for Service-Oriented Applications Sharing Common Reusable Services  
Kilhwan Kim(Sangmyung University)

▶▶ 15:50 ~ 16:00 Break Time

31. w-4-10\_Development of opinion word and target word extraction model in Korean movie review  
Wonhee Yu(Department of Computer Science Education), Kinam Park(Computers Software Engineering),  
Heuseok Lim(Department of Computer Science Education)
32. w-4-12\_First and Second Language Processing in Korean Bilinguals  
Jeffrey Sungsoo Cha(Korea University), Sooleen Nam(Korea University), Kichun Nam(Korea University)
33. w-4-14\_Intergraded Assistive Intelligent System Applications for Aphasia : Capabilities and Future Challenges  
Kamuela Parker(Korea University), Heuseok Lim(Korea University)
34. w-4-15\_Knowledge Creation and Delivery using Web-Based mindmap  
Won Ho(Kongju National University)
35. w-4-16\_Language Identity of Korean-American Second Generation  
Chan Young Jung(Washington Baptist University), Yong Il Lee(Namseoul University)
36. w-4-17\_Lexical Ambiguity Advantage Effect in Korean ambiguous words : an Event-related Potential investigation  
Yoonhye Na(Korea University), Kichun Nam(Korea University)
37. w-4-18\_Orthography Representation Structure in Korean Language A Connectionist Modeling  
Hee-Jo You(Korea University), Kichun Nam(Korea University)
38. w-4-19\_Resyllabification and Context Effect of Word Recognition in Korean Language  
Jinwon Kang(Korea University), Kichun Nam(Korea University)
39. w-4-23\_The Linguistic Cognitive Task for the Second Language Proficiency Measurement  
Yeong Wook Yang(Korea University), Heuseok Lim(Korea University)
40. w-4-21\_The Knowledge Sharing System using Smart Devices  
Kinam Park(Soonchunhyang University), Heuseok Lim(Korea University)

# **Oral Presentation**

**:: Friday July 5, 2013 ::**

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01. w-13-01\_1<sup>st</sup> and 2<sup>nd</sup> Dimensional Analysis of Volatiles of Dried *Panax quinquefolius* powder  
Changhwan Oh(Semyung University)
02. w-20-01\_A Study on the Competition for Dominant Design of General Purpose Interface Bus  
Chul-Joo Park(Sahmyook Univ), Sang-Hyun Lee(Sahmyook Univ)
03. w-20-02\_A Study on the General Purpose Technology Discriminant Model  
Tae-Seok Jeong(Sahmyook Univ), Sang-Hyun Lee(Sahmyook Univ)
04. w-20-03\_The Role of IT Service industry of Korean Economy : Using Input-Output Analysis  
YongJae Shin(Sogang University), Sung Wook Choi(Sahmyook Univ)
05. w-20-04\_How to Solve the Smart Paradox  
YongJae Shin(Sogang Univ), Myung-Seong Yim(Sahmyook Univ)
06. w-20-05\_A Study on the Smartphone Customer Satisfaction with Consideration for Network-based Product Characteristics  
Sang-Hyun Lee(Sahmyook Univ), Myung-Seong Yim(Sahmyook Univ)
07. IT-226\_Framework for Context-aware Provisioning in Ubiquitous Mobile Environment  
Hoon Jeong(Hanam University), Hyokyung Chang(Hanam University), Hana Do(Hanam University),  
Euiin Choi(Hanam University)

08. MT-03\_A Study on Electric Braking Control System for Extending Braking Force over the Wide Speed Range of Traction Motor  
Young-Choon Kim(Kongju National University), Moon-Taek Cho(Daewon University College),  
Ok-Hwan Kim(Kongju National University)
09. MT-04\_A study on mixed type insert piercing die design and manufacture  
K. K. Choi(Kong-Ju National University)
10. MT-05\_A Study on Optimal Design of Fast Charger in CCCV Mode for EV  
Ji-Yong Chun(Ajou Motor College), Young-Choon Kim(Kongju National University),  
Moon-Taek Cho(Daewon University College)
11. IT-152\_An Adaptive MAP Reduction Scheme in WiMAX Networks  
Sungsoo Cho(KT), Soonuk Seol(Korea University of Technology and Education)
12. IT-185\_A study of DPI for Real Media Contents focus in Network Neutrality  
Jang-Mook Kang(Korea University), You-Jin Song(Dongguk University), Yung Ae Jung(SunMoon University)
13. IT-192\_A Study on the Analysis of Relation conjunction in Social Network  
Jang-Mook Kang(Korea University), You-Jin Song(Dongguk University), Yung Ae Jung(SunMoon University)
14. IT-194\_Long Distance Estimation System using Omnidirectional Stereo Camera  
Si-Woong Lee(Hanbat National University), Hyun-Soo Kang(Chungbuk National University)

▶▶ 12:00 ~ 13:00 Lunch Time



15. w-17-01\_Education and Marriage  
Moonju Seong(Namseoul Univ)
16. w-18-01\_Enhanced Robust State of Charge Estimator Using Low-Pass Filters for Lithium-ion Batteries  
Jaeho Han(Kognju National Univ), Chang-Ho Hyun(Kognju National Univ)
17. w-18-02\_Online Tuning Method for Power System Stabilizer based on Hybrid System Modeling  
Seung-Mook Baek(Kongju National Univ)
18. w-18-03\_Optimized AFD anti-islanding method for grid connected PV system  
Byunggyu Yu(Kongju National Univ), Ahmed Galal Abo-Khalil(Majmaah University)
19. w-18-05\_Signal Transmission Analysis of Barrel-Less Pogo Pin  
Yu Soon Park(Kongju National University), Moonjung Kim(Kongju National University)
20. w-18-06\_Social Network Analysis on Innovation Centers for Engineering Education  
Seungil Choi(Kongju National Univ)
21. w-18-07\_Study of non-isothermal crystallization behavior of modified PP/PE blends  
Prashanta Dahal(Kongju National Univ), Youn Cheol Kim(Kongju National Univ)

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22. W-14-01\_Relationships between Nursing Practice Stress and Stress Coping of Nursing Students in Korea  
Jihyun Kim(Baekseok University)
  23. w-14-02\_Effects of an 6-week Dan Jeon Breathing (DJB) Exercise Intervention on Health Status in Male Adults  
Kyungwon Kim(Daegu Haany University)
  24. w-14-03\_Factors on the Clinical Performance Competence of Undergraduate Nursing Students in Korea  
Jihyun Kim(Baekseok University)
  25. w-14-04\_Relation between Depression and Sexual Satisfaction among the Patients with Colorectal Cancer  
Jung-Hee Kim(Dankook University)
  26. w-14-05\_Electronic democracy Digitalization and Conditions : Experience of Korean Political Process  
Young-min Park(Hankuk University)
  27. w-14-06\_A Survey on Health Care Needs during Pregnancy, Childbirth and Childrearing of Vietnamese Immigrant Women in South Korea  
Sunghee Baik(Baekseok University), Geumhee Jeong(Hallym University), Kyungwon Kim(Daegu Haany University)
  28. w-14-07\_Generation of the Encryption Key using a Physical Information in the U-Healthcare Service  
Chung Geon song(Baekseok University), Gab-Sang Ryu(Dongshin University), Keun-Ho Lee(Baekseok University)

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29. w-14-13\_Human Resource Management and Financial Performance of Start-up Firms in Korea  
Soonyoung Jun(Korea National University), Kiman Jeong(Korea National University)
30. w-14-14\_Disclosure of the Selection of KOSDAQ Hidden Champions and Stock Market Reactions toward Their Stock Return and Volume  
Kiman Jeong(Korea National University of Transportation),  
Soonyoung Jun(Korea National University of Transportation)
31. w-14-20\_Anti-microbial and improvement effects using tea tree and lavender oil on acne skin lesion  
BokYoung Kim(Songho College),  
Sujin Shin(SoonChunHyang University)
32. w-14-27\_An Extended Emotion Model for a Music Contents Retrieval System  
Sun Kyung Kim(Hongik University),  
Pan Seop Shin(Daejin University)
33. w-14-28\_Prevalence of Metabolic Syndrome in University Students  
Mee–Kyung Shin(Korea Nazarene University),  
Hyeryeon Yi(Korea Nazarene University),  
Jongsoon Won(Eulji University)
34. w-14-29\_An TV Program Contents Retrieval System using TV Ontologies  
Jung–Min Kim(Daejin University),  
Panseop Shin(Daejin University),  
Hyun–Sook Chung(Chosun University)

35. IT-009\_An analysis on invasion threat and a study on security measures for mobile IPTV  
Lee Myong Yeal(Soongsil University), Park Jae Pyo(Soongsil University), Yang Sung Min(Soongsil University)
36. IT-020\_A Study on Advanced estimating model against u-Health convergence service's information protection  
Jung Chan Suk(Soongsil University), Yongtae-Shin(Soongsil University)
37. IT-026\_Logistics Outsourcing Services Contract Portfolio Strategy under Demand Uncertainty  
Byung Jun Song(Korea Trade Network, Pantos Logistics), Sung Oh Heo(Korea Trade Network, Pantos Logistics)
38. IT-027\_Optimized Group Diffie-Hellman : The Defense of Physical Attacks in Wireless Sensor Networks  
Sunghyuck Hong(Baekseok Univ)
39. IT-028\_Evaluating attractiveness of new product opportunity using intelligent product relations map  
SoYoung Kim(Korea Institute of Science and Technology Information),  
Jaemin Lee(Korea Institute of Science and Technology Information),  
Woondong Yeo(Korea Institute of Science and Technology Information),  
Byoung-Youl Coh(Korea Institute of Science and Technology Information),  
Kang-hoe Kim(Korea Institute of Science and Technology Information)
40. IT-035\_Semi-optimal Approach for SSD File System  
Je-Ho Park(Dankook University), Young B. Park(Dankook University)
41. IT-041\_Effects of the centralities of agents on the knowledge transfer on the scale-free networks  
Hyoung Sun Yoo(KISTI), Ji Hui Kim(KISTI), Jinny Seo(KISTI), Dong Kyu Won(KISTI)
42. IT-047\_Interaction between Personality Characteristics and Mood States in Media Content Selection  
Seung-Ho Cho(Soongsil University)
43. IT-048\_Exploring Weak Signals of Technology Innovation using Informetrics  
Sun Hi Yoo(KISTI), Dong Kyu Won(KISTI)
44. IT-052\_Abstract Clustering based User Interface Design  
Sang-Young Lee(Namseoul University)
45. IT-143\_The Vulnerability Analysis for Virtualization Environment Risk Model Management Systematization  
Mi Young Park(Science and Technology Policy Institute), Yang Mi Lim(Duksung Women's University)

01. BT-01\_Study on the oral health status of patients who visited at department of dental hygiene in "k" University  
Hye-Jung Hwang(Konyang Cyber University), Kyung-hee Kang(Konyang University)
02. BT-02\_Zirconia core inspection during radiation dose and image quality  
Chang-Gyu Kim(Gimcheon University), Mi-Ran Kim(Chung Nam University)
03. BT-03\_Diagnostic X-ray exposure dose measuring device when pre-heating effect  
Chang-Gyu Kim(Gimcheon University), Mi-Ran Kim(Chung Nam University)
04. BT-04\_Relationship between Oral Health Promotion and Self-Esteem in Adolescents of South Korea  
Jang JH(Hanseon University), Lee SJ(Hanseon University), Kim SH(Hanseon University), Bae SS(Hanseon University)
05. BT-05\_Impact of Prunus Mume Extract(PME) Containing Chewing Gum Mastication on the Rheological Characteristics of Saliva  
Jang JH(Hanseon University), Lee YS(Sunmoon University), Park YD(Kyung Hee University)
06. BT-06\_Transfer : Moving Student Teaching Experience to Classroom Practices  
Chingyi Tseng(Shih Chien University), Keun Huh(Hannam University)

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07. IT-198\_Stabilization inverse optimal control of nonlinear systems with structural uncertainty  
Jong-Yong Lee(KwangWoon University), Kye-Dong Jung(KwangWoon University),  
Sang-Hun Lee(KwangWoon University)
  
  08. IT-236\_Requirements Analysis and Reference Model of Semantic Open USN Service Framework  
Tae gyeong Kang(Jeju National University), Nam je Park(Jeju National University),  
Hyung kyu Lee(Electronics and Telecommunications Research Institute),  
Hyo-Chan Bang(Electronics and Telecommunications Research Institute)
  
  09. IT-147\_Design of a GPS patch antenna for anti-jamming  
Gyoo-Soo Chae(Baekseok University), Joong-Soo Lim(Baekseok University)
  
  10. IT-231\_A Distance Measurement Scheme Based on Infrared Stereo Vision System with a Large Aperture Lens for Ship Navigation Safety  
Binh Phan Tran(Konju National University), Sikyung Kim(Konju National University), Moonkyun Oh(ETRI),  
Young soon Heo(ETRI), Young sun Kim(ETRI)
  
  11. IT-039\_A Passive Balancing Method Using State-Of-Charge Sorting Technique of Li-Ion Battery  
Choi Chul-hyung(Konju National University), Kim Si-kyung(Konju National University),  
Binh Phan Tran(Konju National University)

12. CT-05\_A Study for the perception of the Sexual minority among University students  
Ye-Jong Lee(Gimcheon University), Hwa-Jin Lee(Kyungdong University)
13. CT-06\_A Study on Moderate Effecting of Organizational Culture on the Relationships between Emotional Intelligence and Job Performances  
Sun-Kyu Lee(Kumoh National Institute of Technology), Doo-Yul Kim(Kumoh National Institute of Technology), Eun-Gu Kang(Kumoh National Institute of Technology)
14. CT-07\_A study on film-based education content development for promoting creativity and personality using social curation  
Youn, JeongJin(Tongmyong uni.)
15. CT-10\_A Study on the Effects of Rival Relationships for Mutual Growth Effects -Focusing on the Emcee Style of Kang Ho-dong and Yoo Jae-seok  
Han, Hak Soo(Chungwoon University)
16. CT-11\_A Study on the Improvement of Presence in the 4D Theater  
Gang Shin Kim(Jeonju University), Soo Tae Kwon(Jeonju University), So Young Chung(Jeonju University), Sun Woo Ko(Jeonju University), Geun Ho Lee(Jeonju University)
17. CT-12\_A Study on the presence measurement of the figurative and nonfigurative images  
Seong-Sin Jeon(Chung-Ang University), Han-Moi Sim(Chung-Ang University), Won-Hyung Lee(Chung-Ang University)
18. CT-13\_A study on the symbolic nature of women's costume and hairstyle of Rococo era  
Kil-Soon Park(Chungnam National University), In-Sim Jeong(Chungnam National University)
19. CT-14\_A Study on the Systemization of Entertainment Industry  
Jeong Bea, PARK(ChungWoon University)
20. CT-16\_An Analysis of Policy Issues on 3D Immersive Broadcasting in Korea  
Hoe-Kyung Jung(KGIT), Yong-Goo Kim(KGIT), Yoo-Joo Choi(KGIT)
21. CT-18\_An Exploratory Study on the Impact of 4D Concert of K-POP and the Korean Wave  
Hoe-Kyung Jung(KGIT)

▶▶ 14:20 ~ 14:30 Break Time

22. CT-21\_Behavioral Pattern, Perception, Satisfaction Gap between Tourists and Residents in Incheon's Chinatown  
Kidong Lee(Prof. of Business, INU), Yumin Kim(Graduate student of Business, INU),  
Jinah Yang(Graduate student of Business, INU)
23. CT-22\_Between : Media artworks using stereoscopic long exposure images  
Youngeun Kim(Chung-Ang Univ), Jae joong Lee(Chung-Ang Univ), Sanghun Nam(Chung-Ang Univ),  
Jinwan Park(Chung-Ang Univ)
24. CT-23\_Chinese's Perception on Corporate Social Responsibility (CSR) : What are differences with Korean's?  
Jaewook Yoo(Konkuk University)
25. CT-30\_A Loneliness of foreign students effects on acculturative stress and University life adaptation  
Eun-Hee Lee(Dongguk University), Ye-Jong Lee(Gimcheon University)
26. CT-34\_Impact of Transit Oriented Development on CO2 Exhausting Volumes in Brazil Curitiba and Changwon Korea  
Jangwon Jin(Korea National University of Transportation)
27. CT-35\_Implementation Digital Revolution Based Smart TV Service  
Han, Hak Soo(Chungwoon University)
28. CT-37\_Influence of Engagement and Interactivity Level on Accessibility and Diagnosticity in Smart Signage  
Kwang Seok, Han(Namseoul University), Chin, Hong Kun(Kookmin University), Taejun(David), Lee(Kookmin University)
29. CT-40\_Production pipeline for special make-up effect  
IlYong Chung(Korea Institute of Industrial Technology), Jaeho Shin(Mage Studio),
30. CT-39\_Priority Analysis for Personal Competency of Construction Managers  
Bo-Sik Son(Namseoul University), Jung-Ho Yu(Kwangwoon University)
31. CT-44\_The Classification of Figures Found in the Works of 'Jan Svankmajer' and 'Francis Bacon'  
-On Gilles Deleuze, "The Logic of Sensation"-  
Yong Seob Lim(Hongik University)
32. CT-52\_The Regionalization of Television Programs in East Asia -Final Submission-  
Seung-Ho Cho(Soongsil University), JingShu Jin(Soongsil University)

▶▶ 15:50 ~ 16:00 Break Time



33. w-15-16\_Robot Reaction Control by Fuzzy Rules  
A-Ram Kim(Kyungnam University), Sang-Yong Rhee(Kyungnam University)
34. w-15-21\_A Study on the Improvement of Distance Ranging Resolution of a Radar with Chirp Signaling  
Byeong-Gwon Kang(Soonchunhyang University)
35. w-15-25\_An Approach to Compare Control Flow Graphs of Binary Programs  
Hyun-il Lim(Kyungnam University)
36. w-15-48\_GZTR : Geographical Zone Based Two-tier Routing Protocol for VANET  
Seung-Hwan Lee(Kyungnam University), Seung-Joon Seok(Kyungnam University)
37. w-15-52\_A Development of STEAM Teaching and Learning Programs for Creative Science Activities of High School Students  
Ma byong Yoon(Jeonju University), Jonghak Lee(Daegu National University of Education)
38. w-15-53\_3D Position Tracking Algorithm Implementation  
Song Jai chul(Induk University), Lee Dong doo(Admotech), Oh Se young(Admotech), Lee Chang hwa(Admotech), Kap Seong Ro(Western Michigan University), Massood Atashbar(Western Michigan University), Lee Hyung su(KETI), Han Hae sook(Korea University), Lim Heui seok(Korea University)

39. IT-053\_Key Trends of Future Technologies in Korea and Japan through Keywords Analysis and Knowledge Map  
Bang rae Lee(Korea Institute of Science and Technology Information & University of Seoul), Sang pil Lee(Korea Institute of Science and Technology Information), Eun soo Sohn(Korea Institute of Science and Technology Information), Jung joon Kim(Korea Institute of Science and Technology Information & University of Science and Technology)
40. IT-057\_Dequantization Algorithm Using Wavelet Coefficients and SAF  
Kyung Nam Park(Korea Nazarene University)
41. IT-058\_Measurements of Technology Convergence through Diversity Index  
Bang rae Lee(Korea Institute of Science and Technology Information & University of Seoul), Sang pil Lee(Korea Institute of Science and Technology Information), Eun soo Sohn(Korea Institute of Science and Technology Information), Jung joon Kim(Korea Institute of Science and Technology Information & University of Science and Technology)
42. IT-060\_A Scenario of the M2M adapted RLS using Presence Information  
Jae-Hyoung Cho(Koreatech), Seung-Chan Kang(Koreatech), Jae-Oh Lee(Koreatech)
43. IT-061\_A Study on Method of Defence against DDoS Attack  
Lee Hyung Soo(Soongsil University), Park Jae Pyo(Soongsil University), Yang Sung Min(Soongsil University)
44. IT-063\_An Efficient Angle based Routing for VANETs of Urban Environment  
Seung yong Oh(Kyungpook National University), Keu chul Cho(Kyungpook National University), Young mi Baek(Kyungpook National University), Jilong Li(Kyungpook National University), Jun hyung Kim(Kyungpook National University), Jeong bae Yun(Kyungpook National University), Gi hyuk Seong(Kyungpook National University), Ki jun Han(Kyungpook National University)
45. IT-066\_A M2M Horizontal Service Platform Design over Evolved Packet Core(EPC)  
Jhon E.Villarreal P.(KOREATECH), Jung Ho Kim(KOREATECH), Jae-Oh Lee(KOREATECH)
46. IT-067\_Combined Motion Generation of the Virtual 3D Avatar  
Young Hoon Jin(Chung-Ang University), Sang Hun Nam(Chung-Ang University), Young Ho Chai(Chung-Ang University)
47. IT-069\_MTFRC : Multiple TFRC in Heterogeneous Networks  
Hyeon-Jin Jeong(Incheon National University), Seung-Sik Choi (Incheon National University)
48. IT-072\_A High-speed CMOS Comparator with hysteresis characteristics  
Sung-Min Moon(Chungnam National University), Joo-Young Choi(Chungnam National University), Eun-Gyu Lee(Chungnam National University), Ji-Hoon Kim(Chungnam National University), Hyoung ho Ko(Chungnam National University), Choul-Young Kim(Chungnam National University)
49. IT-075\_Resource Allocation for Handover Service Continuity in LTE-Advanced System  
Jong chan Lee(Kunsan National University), Moon ho Lee(Chungwoon University)

01. NT-1\_Effect of Post-Deposition Treatment on Characteristics of P-channel SnO Thin-Film Transistors  
Byeong-Jun Song(Soonchunhyang University), Ho-Nyeon Lee(Soonchunhyang University)
02. NT-3\_Corrosion Behavior of Carbon Steel in Secondary Water Chemistry Condition of Pressurized Water Reactor  
Hyun jun JUNG(Soonchunhyang University), In H. RHEE(Soonchunhyang University),  
Dea chul CHO(Soonchunhyang University), Byung gi PARK(Soonchunhyang University)
03. NT-4\_Filed Test & Evaluation of Secondary Water Chemistry in Pressurized Water Reactor with Mixed Amines  
Hyun jun JUNG(Soonchunhyang University), In H. RHEE(Soonchunhyang University),  
Se bin JANG(Soonchunhyang University), Dea chul CHO(Soonchunhyang University)
04. NT-5\_Removal of Sludge Deposited in Steam Generator of Pressurized Water Reactor by Cooling & Bubbling  
Hyun jun JUNG(Soonchunhyang University), In H. RHEE(Soonchunhyang University),  
Sin young KANG(Soonchunhyang University), Hong Jin YOO(Soonchunhyang University)
05. IT-220\_A Study on Perceptive Differences of Culture within Hofstede's (2001)  
Seung Jae Lee(Kyung Hee University)
06. IT-222\_A Study on the Heritage Interpretation as an Integrative Model of Service and Profession  
Seung Jae Lee(Kyung Hee University)
07. IT-229\_The Convergence of Multi-Media to Tourism: With focus on the Classroom Setting  
Seung Jae Lee(Kyung Hee University)

08. w-2-01\_Development of Quality Assurance Criteria for Mobile-Based Contents  
Ja Mee Kim(Korea University), Seong jin Kim(National IT Industry Promotion Agency),  
Yong Kim(Korea National Open University)
09. w-2-02\_Design of Self-directed and Interactive e-Training System  
Ki-Hyun Park(Korea National Open University), Jin Gon Shon(Korea National Open University)
10. w-2-03\_A Content Model for the Next Generation of m-Learning  
Jin Gon Shon(Korea National Open University), Byoung Wook Kim(Korea University)
11. w-2-04\_Influencing Factor Analysis of Adult Learners' Intention to Use OER  
Byoung Wook Kim(Korea University), Byeong Rae Lee(Korea National Open University),  
Jin Gon Shon(Korea National Open University)
12. w-2-07\_Functional Design of an E-Learning System for Customized Contents Offer via Smart  
Devices  
Yong Kim(Korea National Open Univ), Kyung A Son(Korea National Open Univ)
13. w-2-08\_Teaching Business Survey Sampling Methods Using Simulated Hypothetical City  
Seok Min Yun(Hanshin University), Geun Shik Han(Hanshin University)
14. w-2-09\_Design and Implementation of SaaS-type LMS for e-Learning Services  
Il Sun Jeon(Korea National Open University), Tae In Han(Korea National Open University)

▶▶ 12:00 ~ 13:00 Lunch Time

15. MT-06\_A study on stick coil die design and manufacture  
K.K. Choi(Kong-Ju National University), S.J. Lim(Posco TMC Co.,LTD)
16. MT-07\_A System Approach to the Development of Korean Personal Rapid Transit Vehicle  
Rag-Gyo Jeong(Korea Railroad Research Institute), Seok-Won Kang(Korea Railroad Research Institute),  
Sung-Il Seo(Korea Railroad Research Institute)
17. MT-09\_Conceptual Design and Implementation of the PRT Pilot System  
Yeun-Sub Byun(Korea Railroad Research Institute), Rag-Gyo Jeong(Korea Railroad Research Institute),  
Seok-Won Kang(Korea Railroad Research Institute), Jong-Gyu Hwang(Korea Railroad Research Institute),  
Sung-Il Seo(Korea Railroad Research Institute)
18. MT-10\_Development of Flood Forecasting and Warning Model for Small Rivers with Backwater  
Effect  
Jin Gul Joo(Jeonbuk Science College), Yang Ho Song(Hanbat National University), Moo Jong Park(Hanseo University),  
Young Seok Song(Hansŏl University), Jung Ho Lee(Hanbat National University)
19. MT-13\_Development of Wall Plastic panel for Underground Hall by Mold Injection  
Doo Hee Han(Chungwoon University)
20. MT-18\_Methodology for the Vertical Transfer of PRT Vehicles for Realization of Minimum  
Headway Time  
Ju-Hwan Um(Korea Railroad Research Institute), Rag-Gyo Jeong(Korea Railroad Research Institute),  
Seok-Won Kang(Korea Railroad Research Institute), Back-Hyun Kim(Korea Railroad Research Institute),  
Sung-Il Seo(Korea Railroad Research Institute)
21. MT-22\_Smooth Trajectory Planning in Joint Space for Mobile Robots  
Gil Jin Yang(Seoul National University of Science and Technology),  
Byoung Wook Choi(Seoul National University of Science and Technology)
22. MT-27\_The Effect of Geometry on the Mechanical Behavior of Flexible Tube with varying  
Deformations  
Jin bong Kim(Hanseo University)

▶▶ 14:20 ~ 14:30 Break Time

23. w-4-01\_A Comparative Analysis of the Effectiveness of Learning English through Smart Devices  
Jae choon Jo(Department of Computer Science and Education),  
Heui seok Lim(Department of Computer Science and Education)
24. w-4-02\_Absence of Regularity Effects in Korean-English Bilinguals  
Jae hee Ryu(Korea University), Kichun Nam(Korea University)
25. w-4-03\_An unordered n-gram model for Plagiarism Detection  
Taemin Lee(Korea University), Jeong-min Chae(Korea University), Ki-nam Park(Soonchunhyang University),  
Soon-Young Jung(Korea University)
26. w-4-04\_Analysis of Learning Effect and Correlation using Moodle  
Hye Sung Ji(Korea University), Heui Seok Lim(Korea University)
27. w-4-05\_Automatic Action Script Generation Tool for Programming Language Learning Support System  
Ji-Ye Choi(Sangmyung University), So-Young Park(Sangmyung University), Do-Gil Lee(Korea University)
28. w-4-06\_Automatic Profiling of Learner Using Real-Time Class Monitoring  
Saeb yeok Lee(Korea University), Won hee Yu(Korea University), Yeong wook Yang(Korea University),  
Heui seok Lim(Korea University)
29. w-4-07\_Brain Asymmetry in Korean Hangul and Hanja Scripts during Visual Recognition : An ERP Study  
Tae ik Jang(Korea University), Yeon ji Baik(Korea University), Ki chun Nam(Korea University)
30. w-4-08\_Customers' Attitude, Satisfaction, and Revisit on Perceived Novelty of Reservation Website  
Yong Il Lee(Namseoul University), Jae Seok Kim(Namseoul University)
31. w-4-09\_Depth perception and visual fatigue during watching 3-dimensional images : ERP study  
Deo kwon Ko(Korea University Medical Center), Chan-Nyung Lee(Korea University Medical Center),  
Ki-Young Jung(Korea University Medical Center), Kun-Woo Park(Korea University Medical Center)
32. w-15-19\_Locator-ID Separation Based Proxy Mobile IPv6 Architecture for Mobility Support in Future Internet  
Seung-Joon Seok(Kyungnam University)

▶▶ 15:50 ~ 16:00 Break Time

33. w-16-01\_Lighting Arrangement Simulation for Standardized Crop Production in Plant Factory  
Lee Hwa-Soo(Kongju National Univ), Kwon Sook-Youn(Kongju National Univ), Lim Jae-Hyun(Kongju National Univ)
34. w-16-02\_Scientific Interpretation of Natural Cooling System for Korean Historic Ice Storage  
Ji young Kim(Kongju National Univ), Chan Hee Lee(Kongju National Univ)
35. w-16-03\_Nondestructive Deterioration Evaluation for Rock-carved Seated Buddha Statues of Bonghwanri in Korea  
Kyeong seok Ryu(Kongju National Univ), Chan Hee Lee(Kongju National Univ)
36. w-16-04\_Assessing Conservation Treatment for the Blistering Zone of Stone Cultural Heritage Monuments using Infrared Thermography  
Young Hoon Jo(Kongju National Univ), Chan Hee Lee(Kongju National Univ), Ji Hyun Yoo(Kongju National Univ)
37. w-16-05\_Diagnosis of Internal and External Weathering States using Nondestructive Method for Iron Buddha of Mangisa Temple in Korea  
Jeong Eun Yi(Kongju National Univ), Na Ra Han(Kongju National Univ), Chan Hee Lee(Kongju National Univ)
38. w-16-06\_Present and Future : Correlation Between Weathering and Climate Condition for Stone Cultural Heritage in Korea  
Chan Hee Lee(Kongju National Univ), Yu Gun Chun(National Institute of Cultural Heritage)
39. W-16-07\_A Study on Health Promotion Lifestyle and Self-Efficacy according to Body Mass Index(BMI) in Young Adults  
Lee Seong-ok(Kongju National Univ), Park Yeon-suk(Kongju National Univ), Ryu Eun-kyoung(Shinsung Univ)
40. w-16-08\_Study about profit structure and profit model of mobile social games  
Tae-Gyu Kim(Kongju National Univ), Seuc-Ho Ryu(Kongju National Univ), hyun gyu kim(Kongju National Univ), Akito Kawaguchi(Hokkaido Univ)
41. w-16-09\_The Effect of Aromatherapy and Hand Massage on Depression, and IgA of the institutionalized Elderly  
Kim Hyun-suk(Kunsan College), Park Yeon-suk(Kongju National University)

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42. IT-077\_Recommending System using Item Diffusion and User Preference Variation in Mobile Commerce  
Tong que Lee(Dongyang Mirae University)
43. IT-079\_A Proactive Soft Control for Smart Home  
Lee Sang-Hyun(Honam University), Lee Sang-Joon(Chonnam National University), Moon Kyung-Il(Honam University)
44. IT-080\_The Influence of the Number of Training Documents on Automatic Text Classification - Focusing on Deviation-based Classification Model  
Yong-Bae Lee(Jeonju National University of Education)
45. IT-085\_The Implications of Deploying Speech Technology in the CALL : It's Myth and Reality in the EFL Context  
Su jung Min(Kongju National University)
46. IT-089\_A Prediction Method of Initial Quantization Parameter Considering Spatial Characteristic for Conversational Video of H264 AVC  
Yalin Wu(Jeonju University), Sun-Woo Ko(Jeonju University)
47. IT-090\_Estimating the Number of Clusters for Distributed GMM in Sensor Networks  
Jin Seok Ko(Korea University of Technology and Education),  
Manar Mohaisen(Korea University of Technology and Education),  
Jae Yeol Rheem(Korea University of Technology and Education)
48. IT-094\_An Effective Design of Automated Matching Process for Mentoring Program  
Sul-Ah Ahn(Korea Institute of Science and Technology Information),  
Hye young Cho(Korea Institute of Science and Technology Information)
49. IT-104\_ELN Model Development for R&D Quality Management  
Taewon Kyung(Korea Intellectual Property Strategy Institute), yengtaek Yu(Gangdong College),  
Kyunghun Kim(Gangdong College)



01. HS-01\_Nursing Activity, Job Stress and Job Satisfaction of the Nurses in Community Mental Health Facility  
Hyunjung Lim(Institute of Forensic Psychiatric Ministry of Justice),  
Moonhee Gang(College of Nursing, Chungnam National University),  
Kyongok Oh(College of Nursing, Chungnam National University)
02. HS-02\_ADHD symptoms, Self-esteem and Depression of Juvenile Offenders in Korea  
Youngsoon Cho(Training School of Daesan),  
Moonhee Gang(College of Nursing, Chungnam National University),  
Kyongok Oh(College of Nursing, Chungnam National University)
03. HS-03\_Influencing Factors on Turn over Intention of Entry-Level Nurses according to Communication Style of Preceptor  
Eunkyung Shin(Chungnam National University Hospital),  
Moonhee Gang(College of Nursing, Chungnam National University)
04. HS-04\_The structural relations between stress-related factors by gender indirect effects in adults' self-reported dry mouth  
Hee-Jung Park(Korea University), Youn-Soo Shim(Cheongju University),  
Jun-Hyup Lee(Korea University), Min-Sung Sohn(Korea University)
05. HS-05\_Relationship of gender stereotypes, self-leadership, stress and satisfaction in clinical practice Men and Women Nursing Students perceived  
Hyejin Kim(Chungang University), Hee Jeong Kim(Namseoul University),  
Minsook Seo(Chungang University)
06. HS-06\_Consumer Satisfaction with Healthcare Service Providers  
Foo Nin Ho(San Francisco State University), Seonsu Lee(Wonkwang University),  
Samira Yasmeen Ahmed(Fomer Clinical Research Coordinator)

07. HS-07\_A Study on High School Students' Cellular Phone Addiction, Mental Health and Impulsiveness  
Myeong-ok Yo(School Nurse of Seungsu Girl's High school), Se-jin Ju(Namseoul University),  
Joo Hyun Kim(Kangwon National University)
08. HS-08\_A comparative study of the attitude on elderly between Female university students and Female elderly  
Kim, Joohyun(Kangwon National University), Ju Se-jin(Namseoul University), Jiyun Lee(Kangwon National University),  
Jeongbun Park(Kangwon National University), Dong hee Choi(Kangwon National University),  
Eunmi Kim(Kangwon National University), Jiyeon Kim(Kangwon National University),  
Meesook You(Kangwon National University), Mengja Lim(Kangwon National University),  
Hana Lee(Kangwon National University)
09. HS-09\_Analysis of Risk Factors for the Classification of Acute Coronary Syndrome  
Ho Sun Shon(Chungbuk National University), Chang Woo Woo(Chungbuk National University),  
Gwi Suk Gim(Chungbuk National University), Jong Yun Lee(Chungbuk National University),  
Keun Ho Ryu(Chungbuk National University)
10. HS-10\_The Latent Temporal Patterns of Age-Specific Distributions at Diagnosis from 1978 to 2011 among Breast Cancer Patients in the United States  
Jongsu Jeon(Soongsil University), Sang-Hoon Cho(Soongsil University)
11. HS-11\_Knowledge, Attitude, and Intention for Hematopoietic Stem Cell Donation of Korean Nursing Students  
Miok Kim(Namseoul University), Hyunmi Ahn(Corresponding AuthorKorean Bible University),
12. HS-12\_Accurate Location Detection Technique to find the Epicenter of Epilepsy  
Yong-Ju Ju(Kangwon National University), Je-Hoon Lee(Kangwon National University),  
Si-Byung Nam(Kangwon National University), Sang-Choon Kim(Kangwon National University)

▶▶ 12:00 ~ 13:00 Lunch Time

13. w-3-01\_A Study on Metal Artifact Magnetic Resonance Image of Dental Orthodontic Fixture  
Hyen-Og Song(Ik-San Hospital), Cheong-Hwan Lim(Hanseu University), Sang-Ho Lee(Seonam University),  
Oh-Nam Yang(Hanseu University), Chang-Moo Baek(Hanseu University)
14. w-3-02\_Relationship Between Computed Tomography Holding Condition of Medical Institution  
Classification and Examination Fee  
Cheong-Hwan Lim(Hanseu University), Min-Cheol Kim(Hanseu University), Sang-Hyun Han(Seonam University),  
Dong-Hee Hong(Seonam University), Chang-Moo Baek(Hanseu University), Sang-Ho Lee(Seonam University)
15. w-3-17\_Developing an ESP Program for Radiologic Technologists A Needs Analysis of Students  
and Practitioners  
Sunhee Choi(Jeonju University)
16. w-25-02\_Analysis of the Historical Faction Dramas in Korea -Essays on the Cultural Semiotics-  
Kyung Sook Kim(Cheongju University)
17. w-25-03\_Analysis of Ready-to Wear Patterns for Silver-zone Ages  
Mi Hyang Na(Cheongju University)
18. w-25-04\_Working-time Reductions and Changes in Employment : The Case of Korea  
Cho See Jung(Cheongju University)
19. w-25-08\_A New Algorithm for Generating Neural Networks for Pattern Classification : Stabilities  
and Results  
Lark Sang Kim(Cheongju University)

20. BT-07\_The change typical analysis of the consecutive procalcitonin test result  
Kim Yonggug(Chosun University), Lee Sangbeom(Chosun University)
21. BT-08\_Evaluation of the color stability, tooth surface and intra-pulpal temperature of in-office tooth bleaching with or without light activation  
Hee-Jung Park(Korea University), Youn-Soo Shim(Cheongju University), Hwa-Kyung Son(Baekseok University)
22. BT-09\_The correlation between depression, social support, and level of college adjustment  
Young-Sook Kwon(Joongbu University)
23. BT-10\_A study about Activation of Clinical Training of Health-related Dicipines  
Hyeyoung Hwang(Gimcheon University), Yongsoo Kim(Gimcheon University), Onseok Lee(Gimcheon University), Heechun Lee(Gimcheon University), Changgyu Kim(Gimcheon University), Byungweon Kim(Gimcheon University)
24. BT-11\_Utilization of dental 3-dimensional computed tomography (3D CT) images in pediatric dentistry in Korea  
Youn-soo Shim(Cheongju University), So-young An(Wonkwang University), Ah-hyeon Kim(Yonsei University), Ja-Eun Choi(Wonkwang)
25. BT-12\_The Economic Feasibility Study on the Research Infrastructure Project of the WiBro-Adv. Testing and Certification  
Dae Ho Kim(Mokwon University)
26. BT-13\_Study on the Effects of studying English through Movies  
Myeong-Hee Shin(Hannam University), Kwang-Hwan Kim(Konyang University)
27. BT-14\_STEAM Program : Small Organisms Creating Energy in the Mud  
Taegyong Kang(Jeju National University), Namje Park(Jeju National University)
28. BT-26\_Evaluation of an Aequorin-based Functional Assay for the Screening of Calcium Sensing Receptor Antagonists  
Hyojin Noh(Sangmyung University), Sunghou Lee(Sangmyung University)

▶▶ 15:50 ~ 16:00 Break Time

29. HS-13\_Glucose Prediction Technique for Therapeutic Exercise  
Je-Hoon Lee(Kangwon National University)
30. HS-14\_Emergency medical services of cerebral infarction patients in Korea  
Kim Jee-Hee(Kangwon National University), Roh Sang-Gyun(Sunmoon University)
31. HS-15\_Change of Sleep Patterns of Hospitalized Adult Patients; Dose caring matter?  
Youngshin Song(Chungnam National University), Seong Cheol Cho(Kookje College)
32. HS-16\_Emergency medical care of flight cabin crew in Korea  
Roh Sang-Gyun(Sunmoon University), Kim Jee-Hee(Kangwon National University), Lee Jae-Gook(Sunmoon University)
33. HS-17\_A Study on the Relationship Among the Objective Structured Clinical Examination (OSCE), Health Promoting Behaviors (HPB), Korean-profile of Mood State-Brief (K-POMS-B), and Depression Cognitive Scale (DCS) of Sophomore Nursing Students  
Hee Jeong Kim(Namseoul University)
34. HS-18\_A Study on the Probable Alcohol Dependence of University Students  
Se-jin Ju(Namseoul University), Jung Hyun Choi(Namseoul University), Kyung Sook Kim(Namseoul University), Mi Yu(Namseoul University), Miok Kim(Namseoul University), Hee Jeong Kim(Namseoul University)
35. HS-38\_Comparison of Breast Cancer Screening Results Using Ultrasonography, mammography and magnification mammography  
Tae Bum Lee(Korea Electrotechnology Research Institute), Sun Mi Kim(Seoul National University Bundang Hospital), Ryun Kyung Kim(Korea Electrotechnology Research Institute), Sung Chae Jeon(Korea Electrotechnology Research Institute)
36. HS-39\_Web Based on Home Healthcare Management System of National Long-term Care in Korean Older Adults  
Hyun Sook Chang(Namseoul University), Tae Bum Lee(Korea Electrotechnology Research Institute)
37. HS-40\_Smart Contents for the Adolescent Suicide Prevention Training  
Changhoon Park(Hoseo University), Kisook Ko(Baekseok University), Jee-sook Lee(Dankook University)
38. HS-41\_Perception of Personal Information Protection Among College Students  
Yoo Kyung Boo(Eulji University), Jin Won Noh(Eulji University), Yunmi Kim(Eulji University), Sung Soo Kim(Cheongju University), Young Ah Rha(Eulji University)

39. IT-105\_Recommendation System using User's Preference and Rating Bias Clustering  
Chan-soo Park(Chung-Ang University), Soo-cheol Kim(Chung-Ang University),  
Sungkwon Kim(Chung-Ang University)
40. IT-109\_A Chaining Authentication Scheme Using S/Key OTP Based on a Fast and Secure Hash  
Algorithm in Wireless Sensor Networks  
DONG-HOON KIM(Incheon National University), YOUN-SIK HONG(Incheon National University),  
KIYOUNG LEE(Incheon National University)
41. IT-117\_Pseudo-Live Streaming for an IP Camera System  
Paul Vincent S. Contreras(Seoul National University), Jong Hun Kim(Seyeon Tech, CO., Ltd.),  
Byoung Wook Choi(Seoul National University)
42. IT-119\_Evolution of IT Architecture : based on Taxonomy perspective  
Hanjun Suh(Twente University), Josvan Hillegersberg(Twente University)
43. IT-122\_A Distributed Text Processing System based on Hadoop for Digital Investigation  
Taerim Lee(Pukyong National University), Hun Kim(Pukyong National University),  
Changho Seo(Kongju National University), Sang Uk Shin(Pukyong National University)
44. IT-133\_Quantifying association of scholarly subject fields based on usage pattern of paper  
Tae-Seok Lee(KISTI), Su-Mi Shin(KISTI), Hyejin Lee(KISTI), Hye-Sun Kim(KISTI), Do-Heon Jeong(KISTI)
45. IT-134\_Intergraded Assistive Intelligent System Applications for Aphasia: Capabilities and Future  
Challenges  
Kamuela Parker(Korea University), Heuseok Lim(Korea University)
46. IT-137\_DRM Proxy of DRM-as-a-Service for Content Protection  
Hyejoo Lee(Pukyong National University), Weon Shin(TongMyong University),  
Sang Uk Shin(Pukyong National University)
47. IT-142\_Credibility Enhancement of Social Curation Using Multiple Information Sources  
Jinhyung Cho(Dongyang Mirae University)

# **Oral Presentation**

**:: Saturday July 6, 2013 ::**

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01. MT-01\_A Simple Control Method of MMC-HVDC System under Unbalanced Voltage Conditions  
Quach Ngoc Thinh(Jeju National University), Eel-Hwan Kim(Jeju National University)
02. MT-02\_A Structural Design of Multilevel Decomposition and Mapping  
Jeong-Ick Lee(INHA Technical College)
03. MT-08\_Analysis of return current impact according to operation KTX- Sancheon in Jeolla line  
Jong-Hyen Baek(Korea Railroad Research Institute)
04. MT-11\_Development of Small Scale wind Power Turbine  
Heejoon Lee(NST Co., Ltd. Asan), Jae Hong Lee(NST Co., Ltd. Asan), Myoung Hwan Ku(Soonchun Hyang Univ.),  
Gueesoo cha(Soonchun Hyang Univ.)
05. MT-12\_Development of the automatic sorting equipment of construction waste for the  
production of renewable fuels  
Sung Hoon Oh(Chon-buk National University)
06. MT-14\_Distributions of Dislocation-densities along the Grain Boundaries with Different Material  
Strengths  
Bong-Gu Lee(Yeungnam College of Science & Technology), Jeong Beom Ma(Dongyang Mirae University)
07. MT-15\_Evaluation for the vibration occurred by the mechanism of the power seats for cars  
Kang-Seok Seo(Kongju National University), Doo-seuk Choi(Kongju National University),  
Key-Sun Kim(Kongju National University)
08. MT-16\_Experimental study on mechanical property of aluminum foam due to various impact  
speeds  
Ho Sun Cho(Kongju University), Jae Ung Cho(Kongju University)
09. NT-2\_Nano-emulsion Formation by Dilution of Gel Solvent and Temperature  
Eun Hee Kim(Jeonju University), Wan Coo Cho(Jeonju University)
10. NT-7\_Unusual Interface Phenomena between Graphite and Propylene Carbonate-based  
Electrolyte Solutions  
Soon-Ki Jeong(Soonchunhyang University)
11. NT-6\_Thermal analysis of Cellulose in the presence of  $(\text{NH}_4)_2\text{HPO}_4$   
Kyungok Kwon(Jeonju University), Younggeun Kim(Jeonju University)

12. HS-19\_Wellness Leadership : An Empirical Investigation of the Relationship between Wellness Leadership and Performance  
Yunsuk Cha(Dong-A University)
13. HS-20\_The Effects of Alcohol Use and Depression on Adolescent Suicidal Ideation in South Korea : A Latent Growth Model  
Bo-hye Lee(Korea University Graduate School), Mankyu Choi(Korea University),  
Ilhyun Lee(Institute for Statistics and Education consulting, StatEdu), Hyunsill Rhee(Korea University)
14. HS-21\_National Health Insurance System of South Korea -its Distinguishing Features and Challenges-  
Jiyoung Yoo(Namseoul University), Sook-Mee Yang(Namseoul University)
15. HS-22\_Factors affecting Resilience of the General Adults  
Sunyoung Yun(Baekseok University), Shinhong Min(Baekseok University)
16. HS-23\_Predicting Factors on Resilience in the Aged with Chronic disease  
Shinhong Min(Baekseok University)
17. HS-24\_Effects of Thera-Band Exercise and Cognitive Training on the Activites of Daily Living and Cognitive Function of Korean Older Adults with Dementia  
Myung Ja Park(Jeonju-city Welfare Hospital), Sung Hee Ko(Chonbuk National University)
18. HS-25\_Korean Nursing Students' Knowledge of the Interruption of Life-Sustaining Treatment and Advance Directives  
Soung Bok Kim(Chonbuk National University), Sung Hee Ko(Chonbuk National University)
19. HS-26\_Effects of Mindfulness-Based Stress Reduction on Stress, Depression, Sleep Patterns, and Cognitive Function in Institutionalized Older Adults in Korea  
Seon Hee Yoo(Wonkwang University), Sung Hee Ko(Chonbuk National University)
20. HS-27\_Determinant of Local Government Welfare Effort: an Approach of Social Security Information System in Korea  
Kim Kyoung June(Incheon National University), Lee Ki Dong(Incheon National University),  
Ham Young Jin(Korea Health and Welfare Information Service)

▶▶ 12:00 ~ 13:00 Lunch Time

21. HS-28\_The Animal Model of Stroke and Behavioral Experiment to Apply the Occupational Therapy  
Kyoung-Hee Lee(Baekseok University), Ki-Chul Hwang(Baekseok University)
22. HS-29\_Paradigm Shift in Welfare for people with disabilities : where do we have to go?  
Kim Nam-sook(Tongmyong Univ)
23. HS-30\_Basic Data Analysis to Community Welfare Plan for the Disabled  
Kim Nam-sook(Tongmyong Univ)
24. HS-31\_Marital Intimacy, Sex Communication, Sexual Satisfaction, and Marital Satisfaction of Korean Middle-aged Women  
Miok Kim(Namseoul University)
25. HS-32\_The influence on corneal shape by keratometry measurement of tear and blink  
Hyunjin Oh(Baekseok culture University)
26. HS-33\_Prevalence of Obesity in Middle School Students in Korea  
Hye kyeong Yang(Chungnam University), Milye Baek(Korea national University of Transportation)
27. HS-34\_Body mass index and medical care expenditures in Korea : An eight-year follow-up Study  
Kwang Ok Lee(Sangmyung University), KH Kim(National Health Insurance Corporation), ES Yim(Daegu Health College)  
Ae-sook Choi(Baekseok Culture University)
28. HS-35\_Analysis of the satisfaction and importance of a revised personal information protection law in medical practitioners  
YunHui Bang(Korea University), Ilhyun Lee(Institute for Statistics and Education consulting, Stat Edu),  
Hyunsill Rhee(Korea University)
29. HS-36\_Evaluation of the Brain Fiber Tractography of Korean Female Adults According to Life Cycle by Using Magnetic Resonance Diffusion Tensor Imaging  
Youl-Hun Seoung(Cheongju University)
30. HS-37\_Consumers Acceptance of Food Irradiation What Factors Can Influence Consumers' Attitudes toward Food Irradiation  
Hong-Lim Choi(Sun Moon University)

▶▶ 14:20 ~ 14:30 Break Time

31. IT-175\_Design of fuzzy membership function for context inference system accuracy improvement  
Tae-Woo Lee(Chungbuk National University), Yong-Hwan Cho(Chungbuk National University),  
Seung-Kwon Choi(Chungbuk National University)
32. IT-176\_Disk Cache Manager based on Minix3 Microkernel : Design and Implementation  
Yongho Kang(Pusan National University), Wookjin Choi(Pusan National University),  
Hyeogsong Kwon(Pusan National University), Jooman Kim(Pusan National University)
33. IT-179\_Factors Influencing the High-tech product Owner's WOM focusing on the Emotional Perception of Hybrid vehicle  
Sang-Ho Lee(Kyungsung Univ)
34. IT-180\_NUI Environment Construction using Kinect  
Sunmyung Hwang(Daejeon University), JiHyun Lee(Daejeon University)
35. IT-181\_Secret Sharing based on XOR for Efficient Data Recovery in Cloud Computing Environment  
Su-Hyun Kim(Soonchunhyang University), Im-Yeong Lee(Soonchunhyang University)
36. IT-183\_Design Anti Spam mail Protocol Using Mobile Device  
Choo Yeunsu(Soongsil University), Park Jae Pyo(Soongsil University), Jun Moon Goeg(Soongsil University)
37. IT-186\_Moving Object Detection using Feature-based Matching in Outdoor Video Sequences  
Dong Keun Kim(Kongju National University)
38. IT-187\_Automated essay scoring system by using support vector machine  
Rocy Martinez(Ulsan University), Hee-Dong Hong(Semyung University), Daewon Lee(Ulsan University)
39. IT-188\_Software Defined Network Operations based on DvNOC  
Dongkyun Kim(KISTI), Myung-Il Kim(KISTI), Gi-Cheol Wang(KISTI)
40. IT-189\_An Enhanced Pointer Forwarding-based Signal-driven PMIPv6 for Distributed Mobility Management  
Ki-Sik Kong(Namseoul University)

▶▶ 15:50 ~ 16:00 Break Time

41. IT-190\_A Short Survey of Location Management Schemes : Wireless Cellular Networks vs. PMIPv6-based Networks  
Ki-Sik Kong(Namseoul University)
42. IT-193\_Segmentation Algorithm of Fluorescence Microscopy Cell Images using Area Partition  
Migyung Cho(Tongmyong University), Jaesool Shim(Yeungnam University)
43. IT-196\_DOP Analysis of the Ground Based Augmentation System for Aircraft  
Joong-Soo Lim(Baekseok University), Gyoo-Soo Chae(Baekseok University), Young-Ho Kim(Hongik University)
44. IT-197\_A Survey on OpenAPI Composition Methods using Semantic Techniques  
Seung-Jun Cha(Chungnam National University), Kyu-Chul Lee(Chungnam National University)
45. IT-199\_A Classification of Future Technologies using Automated and Human Method  
Eunsoo Sohn(Korea Institute of Science and Technology Information),  
Bangrae Lee(Korea Institute of Science and Technology Information & University of Seoul),  
Sangpil Lee(Korea Institute of Science and Technology Information),  
Jungjoon Kim(Korea Institute of Science and Technology Information & University of Science and Technology),  
Jae-Jin Seok(Korea Research Council of Fundamental Science & Technology)
46. IT-200\_Study on Digital Watermarking Considering Image Characteristic  
Dae-Jea Cho(Andong National University)
47. IT-201\_Surface Characteristics of TiN and HA Coated Ti-30Nb-xTa Alloys for Biomaterials  
Eun-Sil Kim(Chosun University), Bo-An Kang(NamBu University), Han-Cheol Choe(Chosun University)
48. IT-202\_Using Monte Carlo Simulation to Test Model Risks of Trading Options  
Do Sub Jung(Sun Moon University)
49. IT-205\_A Thermal Stress Analysis in COF Bonding  
IlSun Hwang(Kongju National University), YoungLim Lee(Kongju National University)
50. IT-206\_New Nonlinearity Compensation Strategy of an Inverter-fed PMSM Drive for a Robot Arm Application  
Kyeong-Hwa Kim(Seoul National University)

51. IT-207\_A Study on Edutainment to Stimulate the Right Brain Functions  
- Centered on the Operation Principles of Hard Disks -  
SangMi Kim(Jeju National University), Seong Baeg Kim(Jeju National University),  
Chan Jung Park(Jeju National University)
52. IT-210\_U-Healthcare Server System with Security using NFC and Parallel Computing  
Sung Ja Choi(Soonchunhyang University), Byeong Gwon Kang(Soonchunhyang University)
53. IT-211\_Decision-making supporting system for therapeutic approaches designed to rescue or repair degenerated retina  
Jee Hee Lee(Ewha Womans University), Sung Ja Choi(Soonchunhyang University)
54. IT-212\_An Empirical Study on the Factors Affecting the Acceptance of the Anti-Piracy System  
Jang Dong Huk(Soongsil University), Han Kyeong Seok(Soongsil University)
55. IT-213\_An Empirical Study on Factors Affecting Intention to Use the Interworking Information System in a Mandatory Environment  
Cho Yang Chan(Soongsil University), Han Kyeong Seok(Soongsil University), Lee Ki Young(Soongsil University)
56. IT-219\_Effects of Cushion Supports on the Neck and Shoulder Muscles  
Dong Kwon Seo(SunMoon University), Jae Ho Yu(SunMoon University), Ji Heon Hong(SunMoon University),  
Mi Hwa Park(SunMoon University), Young A Choi(SunMoon University), Won Hee Choi(SunMoon University),  
Dong Yeop Lee(SunMoon University)
57. IT-224\_A Framework of Social Curation System Based on Collaborative Filtering  
Jinhyung Cho(Dongyang Mirae University), Sukyong Jung(Dongyang Mirae University), Hwansoo Kang(Dongyang Mirae University),  
Seawoo Kim(Soongeui Women's College), Samwel Rajabu Mtiana(Tegeta Vocational Training Center)
58. IT-228\_The Effective Measurement for Improving Data Quality of Medical Information in Health Care  
Seong-Ran Lee(Kongju National University)
59. IT-230\_Digital Cartoon-based Edutainment of Computer Hardware Operation Principles  
SoonHee Im(Jeju Halla University), SeongBaeg Kim(Jeju National University)
60. IT-232\_A Study on the Motion Data Calibration for 3D Human Motion Capture  
Kyeong-Ri Ko(Chosun University), Si Cheon You(Chosun University),  
Keun-Chang Kwak(Chosun University), SungBum Pan(Chosun University)
61. IT-234\_A study on the measurement of distances between cars using a single camera  
Yangwon Lim(Andong National Univ), Hankyu Lim(Andong National Univ)
62. IT-237\_Identifying the Educational Objectives of the Gifted and Talented in Computer Science  
Jong Yun LEE(Chungbuk National University)
63. IT-195 Travel Information Service based on Spatio-Temporal Information of User  
Hee-Sun Kim(Andong National University)

01. IT-001\_3D Modeling for Flexible Construction Technology  
Jungsoo Han(Baekseok Univ), Guijung Kim(Konyang Univ), Keenam Choi(Semyung Univ)
02. IT-002\_A Security Authentication Protocol Designed to Verify Agent Singularity  
Woo-Sik BAE(Ajou Motor College), JongYun LEE(Chungbuk National University), Kun-Hee Han(Baekseok University)
03. IT-007\_A New Locomotor Evaluation System in Rats based on Vector Image Processing with Modified Thiessen-Delaunary method  
Ho-Young Kwak(Jeju Nat'l University), Ki-Bum Sim(Jeju Nat'l University), Jisoon Huh(Jeju Nat'l University), Yong-Suk Lee(Korea Institute of Radiological & Medical Sciences)
04. IT-008\_The Development of Location Information System using Wireless Fidelity in Indoors  
O-Byung Kwon(Managing Director, Technical Department of izensoft Co.,Ltd), Kyeong-Su Kim(BaekSeok Culture University)
05. IT-011\_Short Opinion Document Classification Using a Word Pattern Frequency Model  
Jae-Young Chang(Hansung University), Ilmin Kim(Hansung University)
06. IT-017\_A study on the BER Performance Improvement of T-DMB System  
Hanjong Kim(Korea University of Technology and Education)
07. IT-018\_An Empirical Study on How to Activate Information Systems Operations Auditing  
Young-Ho Kim(Korea IT Consulting), Ji-Yun Choi(Korea IT Consulting), Sang-Hyung Park(Korea Hydro & Nuclear Power Co.,LTD)
08. IT-019\_Early Warning System for Detecting a Fire of Vehicle Accident in the Tunnel  
Sungwook Yoon(Andong National University), HyenKi Kim(Andong National University)
09. IT-021\_A Light Amplitude Modulated Neural Stimulator with Photodiode for Visual Prostheses  
Kyomuk Lim(Chungnam National University), Jindeok Seo(Chungnam National University), Ji-Hoon Kim(Chungnam National University), Choul-Young Kim(Chungnam National University), HyoungHo Ko(Chungnam National University)
10. IT-022\_A Digitally Trimmable Continuous-Time Capacitive Readout ASIC for MEMS vibratory gyroscope  
Hyunho Kim(Chungnam National University), Kyomuk Lim(Chungnam National University), Ji-Hoon Kim(Chungnam National University), Cheol-Young Kim(Chungnam National University), HyoungHo Ko(Chungnam National University)

11. IT-023\_A Design of Database System for an Efficient Service of Medical Information in Hyperlipidemia Patients  
Seong-Ran Lee(Kongju National University)
12. IT-029\_Personalized QoS Provisioning Scheme for Specific Stations in IEEE 802.11 Open Networks  
Seokhoon Kim(Changshin University), Won shik Na(Namseoul University)
13. IT-030\_The Study for Comparative Analysis of Software Failure Time Using EWMA Control Chart  
Hyun-dai SHIN(Namseoul University), Hee-cheul KIM(Namseoul University)
14. IT-031\_Parallelism for Nested Loops with n-dimensional Space  
Sam Jin Jeong(BaekSeok University)
15. IT-032\_Performance Evaluation of Ad hoc Packet Radio Networks  
Young C. Park(Baekseok University)
16. IT-033\_B4G Technology Promotes Ubiquitous-Learning for The Net Gen  
Young C. Park(Baekseok University)
17. IT-034\_Non-Divergent Power Flow Based on Homotopy Continuation Method  
Hwachang Song(Seoul National University)
18. IT-037\_The evolution of the South Korean film industry having the highest up phase  
Pyung kuk Chun(kyonggi University)
19. IT-038\_Integrated Strategy of Structure and Design of Stuttgart 21 Main Station for Spatial Effect  
Yekyeong Shin(Namseoul University)
20. IT-040\_A Dynamic Approach to Generating Tests for Effective Bug-Finding  
Insang Chung(Hansung University)

▶▶ 12:00 ~ 13:00 Lunch Time



21. IT-042\_A Model of Pricing Decisions for Digital Textbooks  
Jeong-Su Yu(Jeonju National University of Education)
22. IT-043\_The Characteristics of Urban Regeneration Planning in Japan's Railway Stations and the Surroundings  
Yekyeong Shin(Namseoul University), Bo-sik Son(Namseoul University)
23. IT-044\_Hierarchical Security Management for Dynamic M2M Communication  
Sungmo Jung(Hannam University), Seoksoo Kim(Hannam University)
24. IT-045\_An Authoring tool for Storytelling using Linked Data  
Pyung Kim(Jeonju National University of Education)
25. IT-046\_How Does A Social Issue Moderate Diffusion of Innovation A case of pod-casting with Naneun Gomsuda in Korea  
Cho Seung-Ho(Soongsil University), Hong Sook-Yeong(Hansei University)
26. IT-050\_Innovation and Knowledge Creation through Hierarchy and Heterarchy Dynamics: A Case from a Korean company  
Hong Lee(Kwangwoon University)
27. IT-051\_Enablers of Knowledge Integration  
Hong Lee(Kwangwoon University)
28. IT-055\_Humor formation analysis appeared from <Une vie de chat A Cat in Paris>  
Choi Young chul(Namseoul University), Lim woon joo(Hongik University)
29. IT-056\_A study on Hero Attributes in China full-length Animations  
Lim woon joo(Hongik University), Choi Young chul(Namseoul University)
30. IT-059\_A study on the implementation of ubiquitous facial recognition system  
Kyung Oh Lee(Sunmoon Univerisity), Yoon young Park(Sunmoon Univerisity), Yong Keum Choi(Sunmoon Univerisity)

▶▶ 14:20 ~ 14:30 Break Time

31. IT-062\_Development of an ST3E Model for the 3D Modeling of the Seafloor Space  
Dong Moon Kim(Namseoul University)
32. IT-064\_Behavior Analysis of Coastal Structure using High Density Data Processing Technique  
Dong Moon Kim(Namseoul University), Seong Hoon Kim(Namseoul University)
33. IT-065\_Inclination Analysis of Structure using Terrestrial LiDAR Data  
Dong Moon Kim(Namseoul University), Jae Kook Park(Namseoul University)
34. IT-068\_The Application of Interface “Viz-A” for Public Open Data in Smart Space Based on SNS”  
Mi-Yun Kim(Seoul Digital University), Dong-Jo Seo(Seoul Digital University)
35. IT-070\_CMOS Transimpedance Amplifier for Laser Radar Receiver  
Joo Young Choi(Chungnam National University), Eun-Gyu Lee(Chungnam National University),  
Sung-Min Moon(Chungnam National University), Ji-Hoon Kim(Chungnam National University),  
Hyoung ho Ko(Chungnam National University), Choul-Young Kim(Chungnam National University)
36. IT-071\_The Design and Implementation for New Move Picture Solution EZ-MOV Using FLV  
O Byoung Kwon(SungKyul University)
37. IT-073\_IT Convergence application for leisure  
Kyu-hyeog Chae(Korea IT Consulting), Ji-yoon Choi(Korea IT Consulting)
38. IT-074\_Design of Micro WiMAX Connection Manager  
Seokhoon Kim(Changshin University), Gui-Jung Kim(Konyang University)
39. IT-076\_Personal Identification of Hand Shape and Palm Features in Mobile Phone Photographs  
Eunhwa Jung(Baeseok University), Kyungho Hong(Baeseok University)
40. IT-081\_Research on the development of an hybrid instructional model using information  
technologies “flipped classroom”  
Jaehoon Kim(Konkuk University), Keol Lim(Konkuk University), Youngran Park(Konkuk University)

▶▶ 15:50 ~ 16:00 Break Time

41. IT-082\_A new wave of learning with advanced information technologies smart education initiative in Korea  
Sung Youl Park(Konkuk University), Keol Lim(Konkuk University)
42. IT-083\_How does an educational social network service in eLearning work? : a case study with college students in Korea  
Youngran Park(Konkuk University), Keol Lim(Konkuk University), Jaehoon Kim(Konkuk University)
43. IT-084\_A new trend of MOOCs and their application strategies with SWOT analysis in Korean environments  
Keol Lim(Konkuk University), Jaehoon Kim(Konkuk University), Youngran Park(Konkuk University)
44. IT-086\_The Roles of Core and Peripheral Service Quality in IT Services  
Jun-Gi Park(Yonsei University), Cheulhyun CHO(Yonsei University), Jungwoo Lee(Yonsei University)
45. IT-087\_Exploring the Influences on Cognitive and Affective Trust in IT Service  
Jun-Gi Park(Yonsei University), Junbeom Jang(Yonsei University), Hyejung Lee(Yonsei University), Jungwoo Lee(Yonsei University)
46. IT-088\_A Framework for Social Informatics Research  
Jun-Gi Park(Yonsei University), Seyoon Lee(Yonsei University), Jungwoo Lee(Yonsei University)
47. IT-092\_Accelerometer-based Gesture Recognition with Android Mobile Phone  
Kitae Hwang(Hansung University), Jae Moon Lee(Hansung University)
48. IT-096\_Indirect Vicarious Experience and Its Relationship to General and Specific Computer Programming Self Efficacy  
Jung woo Lee(Yonsei University), Hye jung Lee(Yonsei University)
49. IT-097\_Analysis of Batch Job log to improve the success rate in HPC Environment  
Jun Weon Yoon(KISTI), Tae Young Hong(KISTI), Chan Yeol Park(KISTI), Heon Chang Yu(Korea University)
50. IT-098\_Information Technology Integration Strategies for Globalized Corporations  
Jungwoo Lee(Yonsei University), Hyejung Lee(Yonsei University)

51. IT-101\_A Study on the Prospect of Digital Signage as New Convergence Media Advertising  
Min-Wook Choi(Namseoul University)
52. IT-102\_A Study on the Improvement Plan of Smart Realistic Media Industry  
Hyun-Cheol Lee(Dongshin University), Eun-Seok Kim(Dongshin University), Gi-Taek Hur(Dongshin University)
53. IT-103\_A Study on the Realistic Silver Game Contents and Tangible User Interface Technology  
Hyun-Cheol Lee(Dongshin University), Eun-Seok Kim(Dongshin University), Gi-Taek Hur(Dongshin University)
54. IT-107\_Design of DBMS-based Interoperation Engine for Topic Data Persistence  
Hyung-Jun Yim(Chungnam National University), Yun-Hee Son(Chungnam National University),  
Kyu-Chul Lee(Chungnam National University)
55. IT-108\_Development of Interoperation Engine between DDS and DBMS for Topic Data Persistence  
Hyung-Jun Yim(Chungnam National University), Yun-Hee Son(Chungnam National University),  
Kyu-Chul Lee(Chungnam National University)
56. IT-233\_A study on ink-and-wash painting interactive art  
Ok-Hue Cho(Seoul Cyber University), Sung-Tae Lee(Seoul Cyber University), Jung-Yoon Kim(Chung-Ang University)
57. IT-114\_Analysis on change of Craniovertebral Angle and Cranial Rotation Angle caused by Smartphone Use Hours  
Dong Yeop Lee(SunMoon University), Ji Heon Hong(SunMoon University), Jae Ho Yu(SunMoon University),  
Hyo Gyeong Park(SunMoon University), Ye Ji Kim(SunMoon University), Dong Kwon Seo(SunMoon University)
58. IT-115\_Estimating POI information using Context Information  
Su Jeong Choi(Kyungpook National University), Seong-Bae Park(Kyungpook National University)
59. IT-116\_A Proposal for Using SDR-Based Multiple Access Cognitive Radio Communication Systems  
Wonshik Na(Namseoul University)
60. IT-225\_An Empirical Study on the Effects of SNS Characteristics and Organizational Culture on Organizational Communication satisfaction and the Morale of Troops  
Kang Song Yun(Soongsil University), Han Kyeong Seok(Soongsil University), Fang Chun Feng(Soongsil University)

01. IT-118\_Current Status and Issues about Convergence Technology Development Activity of Small Mid-Sized Business  
In-Cheol Kang(PuKyong University), Na-Young Han(PuKyong University), Jae-Bum Hong(PuKyong University)
02. IT-120\_A Study on the Technology Fusion Index and the Convergence Level in input technology  
Kwang-min Lee(PuKyong University), Jae-Bum Hong(PuKyong University), In-Cheol Kang(PuKyong University),  
Min-Sung Kim(PuKyong University)
03. IT-121\_Assessment of Application Effect for Improving Data Quality of Electronic Medical Record in Health Care  
Seong-Ran Lee(Kongju National University)
04. IT-123\_Effect on Wrist Muscle Activities while using the Keyboard and Smartphone  
Ji Heon Hong(SunMoon University), Dong Yeop Lee(SunMoon University), Ye Young Kim(SunMoon University),  
Yoe Jin Jo(SunMoon University), Dong Kwon Seo(SunMoon University), Mi Hwa Park(SunMoon University),  
Jae Ho Yu(SunMoon University)
05. IT-124\_Quality Management Model and System for Large Corpus  
Yongjin Kwak(IWAZ), Pyung Kim(Jeonju National University of Education)
06. IT-125\_The Effects of Cultural Distance and Disposition on Communication Behavior in the Inter National Strategic Alliance  
Min-Sook Park(Catholic University of Pusan), Jong-Kuk Shin(Pusan National University)
07. IT-126\_The Effects of a Backpack on the Ground Reaction Force in a Normal Gait  
Jae Ho Yu(SunMoon University), Dong Yeop Lee(SunMoon University), Ji Heon, Hong,(SunMoon University),  
In Hee Park(SunMoon University), Jeong Won Ahn(SunMoon University), Jeong Ee Lee(SunMoon University),  
Park Mi-Hwa(SunMoon University), Dong Kwon Seo(SunMoon University)
08. IT-131\_Development of Internal Social Network Management System  
Geunho Lee(Jeonju University), Kwangshin Kim(Jeonju University), Sootae Kwon(Jeonju University),  
Sunwoo Ko(Jeonju University), Hwangkeun Lee(Jeonju University)
09. IT-136\_Design and Implementation of Intelligent Video Surveillance System using Dual Cameras  
Seung-Hyeok Yoo(Sunchon National University), Kyeong-Jin Ban(Sunchon National University),  
Kyoung-Wook Park(Sunchon National University), Mi-Jeong Park(Sunchon National University),  
Chang-Gyun Lim(Gwang-Ju Technopark Home Robot Support Center),  
Heong Jeong(Chodang National University), Eung-Kon Kim(Dept. of Computer Engineering)
10. IT-139\_The Change of Telecommunication Market Dominance following USIM Lock-out From Korea case  
Younghee Lee(Korea Communications Agency), Moon Sun Kim(Information & Management Research Consortium)

▶▶ 14:20 ~ 14:30 Break Time

11. IT-140\_A Comparative Study on Factors Influencing Purchase Intention of Smartphones between Korean and Chinese Consumers  
Ying Yu(Incheon National University), Kidong Lee(Incheon National University)
12. IT-141\_Decreasing Direct Personal Contact: Side effect of Smartphone in a Korean University case  
Lee Ki Dong(Incheon National University), Uyanga Davaadorj(Incheon National University)
13. IT-144\_Type-2 fuzzy EMG control for exoskeleton robot arm  
Bu Il Jeon(Korea University), Hyun Chan Cho(Korea University)
14. IT-145\_Implementation of High-Speed Radix-4 Add-Compare-Select Unit  
Wooseok Byun(Chungnam National University), Yeon-Tae Kim(Chungnam National University),  
Choul-Young Kim(Chungnam National University), Hyoungho Ko(Chungnam National University),  
Ji-Hoon Kim(Chungnam National University)
15. IT-146\_Performance Analysis of Stopping Criteria in Turbo Decoding for LTE-Advanced systems  
Hyeji Kim(Chungnam National University), Yeouk Yoon(Chungnam National University), Hyoung ho Ko(Chungnam National University),  
Choul-Young Kim(Chungnam National University), Ji-Hoon Kim(Chungnam National University)
16. IT-148\_Real-Time Scheduling Method for Supporting Virtualization on Mobile Phones  
Yongho Kang(R2softco.,LTD), Kimoon Keum(R2softco.,LTD), Seonjong Kim(Pusan National University),  
Kwangyoun Jin(Kangwon National University), Jooman Kim(Pusan National University)
17. IT-149\_Simple LED-Lighting-Device Driving System using the Merged Boost and Flyback Converter Topology  
Geun-Yong Park(SoonChunHyang University), Doo-Hee Yoo(SoonChunHyang University),  
Gang-Youl Jeong(SoonChunHyang University)
18. IT-150\_Efficient Method to Support Mobile Virtualization-based Cloud Resource Management  
Yongho Kang(R2softco.,LTD.), Changbok Jang(R2softco.,LTD.), Wookjin Choi(Pusan National University),  
Yongwha Chung(Korea University), Jooman Kim(Pusan National University)
19. IT-151\_A Study on Web of Things Technologies for Smart Building Energy Management System  
Cheong Ghil Kim(Namseoul University), Sang Hak Lee(KETI)
20. IT-153\_A Study on the Influence of Enterprise Features of SNS Service on Relationship Commitment and On-line Word-of-Mouth Intention  
Ki-heung Yim(Gwang-Ju women's University), Dong-Sung Kwak(Chung-Ang University), Jin-Hee Kwon(Chung-Ang University)

▶▶ 12:00 ~ 13:00 Lunch Time

21. IT-155\_Design and Implementation of a Remote Auto-Configuration System(RACS) for Voice over IP Services  
Sungsoo Cho(KT), Soonuk Seol(Korea University)
22. IT-156\_WDM ADM Methods and their applications  
Ji-Yun Choi(Korea IT Consulting), Il-Jong Park(Korea IT Consulting), Young-Ho Kim(Korea IT Consulting)
23. IT-159\_Enhancing Prediction Accuracy Using Rated Genre Information in Collaborative Movie Recommendation  
Soojung Lee(Gyeongin National Univ)
24. IT-160\_The Effect of One Leg Crossed Sitting Posture on the Trunk Muscle Activities  
Ji Heon Hong(SunMoon University), Jae Ho Yu(SunMoon University), Dong Yeop Lee(SunMoon University), Yoen Hee Hwang(SunMoon University), Jin A Ha(SunMoon University), Mi Hwa Park(SunMoon University), Dong Kwon Seo(SunMoon University)
25. IT-161\_A Model of Convergence Education Curriculum for the Undergraduate Sound Engineering Courses  
Wong eun Oh(Sunchon National University), Esther Rhee(Keimyung University)
26. IT-162\_Comparison of Static Balance according to Knee Flexion Angle in Standing Position  
Jae Ho Yu(SunMoon University), Dong Kwon Seo(SunMoon University), Ji Heon Hong(SunMoon University), Jeong A Kim(SunMoon University), Yeon Gyo Nam(SunMoon University), Mi Hwa Park(SunMoon University), Dong Yeop Lee(SunMoon University)
27. IT-163\_An End-to-End QoS Provisioning Scheme for Machine-to-Machine Services  
Sungsoo Cho(KT), Soonuk Seol(Korea University)
28. IT-171\_New Cost Function with considering the Two Goals in Task Assignment  
Yongho Kang(R2softco.,LTD), Changbok Jang(R2softco.,LTD), Wookjin Choi(Pusan National University), Jooman Kim(Pusan National University.)
29. IT-172\_An Exploratory Study on the App Market Openness Regulation Based on Two-sided Market Theory and Multi-homing  
Benny Kim(KT), Sang-Ho Lee(Kyungsung Univ), Jai-Beom Kim(Sungkyunkwan University)
30. IT-173\_A Study on the KSF of Social Authoring Systems-focusing on Linux and Wikipedia  
Seo-Young Lee(Yonsei Univ), Sang-Ho Lee(Kyungsung Univ)

▶▶ 14:20 ~ 14:30 Break Time

31. IT-165\_Suitable for a variety of platforms environments propose cloud-based security methods  
Yu Hyun An(Tongmyong University), Kiteak Seong(Tongmyong University)
32. IT-177\_A Study on the spending behavior of donations and entertainment expenses of sustained growth companies  
Gyeong Rak Lee(Baekseok University), Sun Hee Hong(Kyungbok University),  
Kwang Yong Kim(Baekseok Arts University)
33. IT-178\_A Research and Development of Mobile Electronic Contract Platform using Standardized XML  
Geunhoon Chung(Selim TSGInc.), Kihak Kwon(Selim TSGInc.), Sanghyuck Lee(Selim TSGInc.),  
Seungjun Cha(Selim TSGInc.), Jaejung Kim(Selim TSGInc.), Hyunil Lee(Selim TSGInc.), Byungchul Lee(Selim TSGInc.)
34. IT-191\_A Study of Enterprise Social Networking Systems Case of TalkOn Software  
Chang-Soo Sung(Dongguk University), Joo Y Park(Yonsei University), Won Dong Yeo(DBK Network)
35. IT-203\_A Study on the Valuation for Unlisted Stocks  
Kim Heung Su(Gwangju University)
36. IT-204\_A Survey on Cloud-Based S&T Information Service System  
Sumi Shin(KISTI), Mihwan Hyun(KISTI), Taeseok Lee(KISTI), Hyejin Lee(KISTI), Yoo Su hyeon(KISTI)
37. IT-208\_Automatic Lip Sync Solution for Virtual Characters in 3D Animations  
Seon-Min Hwang(Korea University of Technology and Education),  
Han-Kyung Yun(Korea University of Technology and Education),  
Bok-Hee Song(Korea University of Technology and Education)
38. IT-099\_A Study on the effectiveness of the matrix-based authentication protocol  
Hyoyoung Shin(Kyungbok University), ChigonHwang(Kwangwoon University), Kyedong Jung(Kwangwoon University)
39. IT-100\_Multi Ontology for enterprise data management in Cloud Environment  
Kyedong Jung(Kwangwoon University), Chigon Hwang(Kwangwoon University), Seokjae Moon(Kwangwoon University),  
Jongyong Lee(Kwangwoon University), Hyoyoung Shin(Kyungbok University)
40. IT-110\_Design of a Meta Model for Ontology-based Service Integration  
Chigon Hwang(Kwangwoon University), Hyoyoung Shin(Kyungbok University), Kyedong Jung(Kwangwoon University),  
Sanghoon Lee(Kwangwoon University), Youngkeun Choi(Kwangwoon University)



41. IT-049\_Emotion-oriented Convergence of LED Lighting System and Digital Music  
Jong-Hyun Nam(Kwandong University), Jae-Min Lee(Kwandong University)
42. IT-093\_The Role of Task-Technology Fit and Quantitative Overload on Physicians' Telemonitoring Acceptance in South Korea  
Rho mi jung(Catholic University), Chang Yun Hi(Dankook University), Lee Jae beom(Sogang University)
43. IT-130\_DRM and Copyright protection of information on the Internet  
Sung-Chul Lee(Korea National Open University), Joo Y. Park(Yonsei University)
44. IT-214\_A New Channel Estimation in IEEE 802.11 based System  
Hanjong Kim(Korea University of Technology and Education)
45. IT-215\_A Simulation System for Smart Grid with Distributed Photovoltaic Systems considering Weather Condition  
Sung-Won Park(Gachun University), Kyu-Sang Cho(Gachun University), Sun-Nam Chu(Gachun University), Sung-Yong Son(Gachun University)
46. IT-216\_Interface Oriented Software Design Methodology  
Sang Hwan Kung(Baekseok University)
47. IT-218\_Study on the Standardizations Technology of Mobile Cloud  
SungChoi(Namseoul University)
48. IT-221\_IT Governance Issues in National Computing and Information Agency  
Seok-In Lee(Mokpo National University)
49. IT-223\_A Study on the Measurement of Bacterial Contamination of MRI Examination Equipment and Disinfection Condition  
Seung-Woon Jeung(Hanseu University), Chung-Hwan Lim(Hanseu University), Sang-Hyun Han(Seonam University), Beom-Hee Han(Seonam University), Dong-Hee Hong(Seonam University), Sang-Ho Lee(Seonam University)
50. IT-227\_FPGA Implementation of Stereo Rectification for 3D Stereo Matching  
Jun Seo Lee(LG InnoTek), Whan Woo Kim(Chungnam National University), Ji-Hoon Kim(Chungnam National University)
51. IT-164\_A Study of UI Design Factors based on the Universal Design for Mobile Services  
Yung-Ae Jung(Sun Moon University), Jang-Mook Kang(Korea University)
52. IT-182\_Use of Smart Device Applications for Music Creation  
Rhee Esther(Keimyung University), Seo Dong Wook(Keimyung University)

01. BT-15\_A Study on the Factors that Influence Anger in the Elderly  
Myoung-Jin Kwon(Hyechon college), Young-Hee Kim(Hyechon college)
02. BT-16\_Achievement Goal Orientation's Impact to Study Strategy and Academic Achievement in Oral Prophylaxis Practice  
Kang Yong Ju(Jinju Health College)
03. BT-17\_Association of Biobehavioral factors with Markers of Anemia, Nutrition and Inflammation in Chronic Kidney Disease  
Hye-Won Kim(Konyang University)
04. BT-18\_Berberine induces dedifferentiation and MMPs expression via MAP kinase pathway in human chondrosarcoma cell Line, HTB-94 Cells  
Ju-Hee Kim(Kongju National University), Song-Ja Kim(Kongju National University)
05. BT-19\_Clinical Trials Standard Content Extract on the XML-based  
Yeong-Pyo Hong(InterNational University of Korea)
06. BT-20\_Corneal, Internal, and Total Ocular Wavefront Aberrations of the Eye  
Sang-Deok Lee(Gimcheon University and Sungkyunkwan University), Sook-jeong Lee(Gimcheon University), Hyun-Soo Bang(Gimcheon University), Min-Hyuk Kim(Gimcheon University)
07. BT-21\_Effect of Russian Current Stimulation on Muscular Performance and Muscle Activity of Quadriceps Femoris Muscle of Convalescent Patient after Leg Fracture  
Byeong-Ok Jung(Gimcheon University), Hyun-Soo Bang(Gimcheon University)
08. BT-22\_Effect of TGF- $\beta$  RII mutation involved in TGF- $\beta$  signaling  
I ha Park(Chonnam National University), Jin Kim(Yonsei University), Hwa-Kyung Son(Baekseok University), Youn-Soo Shim(Cheongju University)
09. BT-23\_Elucidation of Radical Degradation Pathway of Naphthalene by DFT Method  
Byung-Dae Lee(Uiduk University)
10. BT-24\_Emotional Dissonance, Desired Emotion, Service with a Smile, and Emotional Contagion in the Service Industry  
HEE CHUN LEE(Gimcheon University), JARED B. SANDLER(Gimcheon University)
11. BT-25\_Emotional labor of nurses as perceived by patients, satisfaction with nursing service, and intention to revisit the hospital  
Moon-Hee Kang(College of Nursing, Chungnam National University), Soon-Young Yoon(Baekseok University), Myoung-Jin Kwon(Hyechon College), Hee-Sook Shim(Chungnam National University)
12. BT-27\_Evaluation of Dental Caries Activity of Child Beverage Inoculated Streptococcus Mutans  
Young Nam, Park(Gimcheon University), Choong-Ho Choi(Chonnam National University), Suk-Jin Hong(Chonnam National University), Hye-Jeong Youn(Suwon women's college)

13. BT-28\_Factors Influencing Successful Aging among Korean Male Elders  
Kim Hee Kyung(Kongju National University)
14. BT-29\_Factors Influencing the Sense of Well-Dying among Korean Elders  
Kim Hee Kyung(Kongju National University), Lee Kyung ouk(Ansan Municipal Geriatric Hospital),  
Kim Jeong Suk(Gongju Mental Health Center), Kim So Young(Kyung Hee University Hospital)
15. BT-30\_Factors on the severity of frequent diseases in general surgery department  
Si-Yeon Won(Dankook University), Kwang-Hwan Kim(Konyang University)
16. BT-31\_Factors that Influence the Attitude of Nursing Students towards the Mentally Ill  
Jin-Sook Han(Konyang University), Myoung-Jin Kwon(Hyechon College), Young-Hee Kim(Hyechon College)
17. BT-32\_Influence of Self Respect and Empathy on the Academic Resilience of Nursing Students  
Soon-Young Yoon(Baekseok University), Myoung-Jin Kwon(Hyechon college),  
Moon-Hee Kang(College of Nursing, Chungnam National University)
18. BT-33\_In-situ Detection of Magnetic Beads Using Si Metal-Semiconductor-Metal Photodetectors  
Chel-Jong Choi(Chonbuk National University)
19. BT-34\_Investigation on Subjective Symptoms-related Factors of Musculoskeletal System Disorders in Dental Technicians  
In-Ho Jeong(Gimcheon University), Byung-Chul Lim(Gimcheon University),  
Chang-Hyun Han(National Emergency Medical Center)
20. BT-35\_Relation of Pain, Flexibility, Balance and Life Disability in Female Seniors with Chronic Low Low Back Pain  
Kim Hyang Soo(Munhyung College), Kim Hee Kyung(Kongju National University),  
Ann Jung Sun(Kongju National University)

▶▶ 12:00 ~ 13:00 Lunch Time

21. BT-36\_Rutin induces cyclooxygenase-2(COX-2) and matrix metalloproteinases (MMPs) via ERK and PI-3K/Akt pathway in human lung cancer cell line, A549  
Seong-Hui Eo(Kongju National University), Song-Ja kim(Kongju National University)
22. BT-37\_S-adenosylmethionine induces differentiation and COX-2 expression via ERK pathway in rabbit articular chondrocyte  
Ji-hee Lee(Kongju National University), Song-ja Kim(Kongju National University)
23. BT-38\_Study of Seasonal Characteristics of Mortality in People Over 65 Using Medical Records  
Tae-Yeol Kim(Yeungnam college), Kwang-Hwan Kim(Konyang University), Yong-Ha Kim(Konyang University)
24. BT-39\_Study on Dental Health Care of the Visually Disabled  
Sook-Jeong Lee(Gimcheon University), In-Ho Jeong(Gimcheon University),  
Sang-Deok Lee(Gimcheon University), Gyu-Yil Choi(Chungcheong University)
25. BT-40\_Success Factors of Quitting Smoking of Metropolitan Citizens in Smoking Cessation Clinics  
Moo-Sik Lee(Konyang University), Jee-Young Hong(Konyang University)
26. BT-41\_The effect of married immigrant women's family stress, family hardness on problem solving coping  
Jae-Woo Oh(Chungbuk Health & Science University), Young-Sook Moon(Konyang University),  
Hye-Won Kim(Konyang University)
27. BT-42\_The effect of the 3-step health education and tele-coaching program for the disabilities with hypertension in rural region  
Hyunli Kim(Chungnam National University), Soeun Park(Chungnam National University),  
Kyungok Ju(Chungnam National University), Myungsuk Lee(Chungnam National University)
28. BT-43\_The effects of home exercise programs on balance recovery in a post-stroke population  
Sang-Hun Jang(Gimcheon University), Hyun-Soo Bang(Gimcheon University), Byeong-Ok Jung(Gimcheon University)
29. BT-44\_The Effects of Pulsed Electromagnetic Fields on Blood components, Antioxidant enzymes and Reactive Oxygen in Hyperlipidemic Rats  
Hyun-Soo Bang(Gimcheon University), In-Ho Jeong(Gimcheon University), Sang-Deok Lee(Gimcheon University)
30. BT-45\_The Function of DNA binding inhibitor (Id)-1 on dedifferentiation and COX-2 expression of rabbit articular chondrocytes.  
Seon-Mi Yu(Kongju National University), Song-Ja Kim(Kongju National University)

▶▶ 14:20 ~ 14:30 Break Time

31. BT-46\_The Influence of Perceived Health Status and Interpersonal Relationship on the Depression in Korean Elders  
Ju Yeong-Ju(Kimcheon Science College), Kim Hee Kyung(Kongju National University)
32. BT-47\_The Mediating effects of Life Satisfaction and Family Support in Relationship between Depression and Successful Aging of Korean Elders  
Kim Hee Kyung(Kongju National University)
33. BT-48\_The Relationship between Musculoskeletal Symptoms and Job Stress of dental laboratories in workers  
In-Ho Jeong(Gimcheon University), Hyun-Soo Bang(Gimcheon University), Sook-jeong Lee(Gimcheon University)
34. BT-49\_The relationship between nurse manager's emotional leadership and nurses' job stress and turnover intention  
Eun Kyong Ahn(Hyecheon College)
35. BT-50\_The Relationship of Physical function, Nutritional status and Depression in Elderly predialysis patients with Chronic Kidney Disease  
Jin-Sook Han(Konyang University), Hye-Won Kim(Konyang University), Young-Sook Moon(Konyang University)
36. BT-51\_The Relevance of Wavefront Aberration Between the Right and Left Eyes  
Sang-Deok Lee(Gimcheon University and Sungkyunkwan University), Seung-Woo Hong(Sungkyunkwan University)
37. BT-52\_The study of Radiation Exposure Dose Reduce for the Knee Joint Fluoroscope Test by CC camera is installed  
Sun-Youl Seo(Eulji University), Man-Seok Han(Kangwon National University), Hyeon-Guck Lee(Eulji University), Tae-Hyung Kim(Kangwon National University), Yong-Kyun Kim(Daewon University College), Min-Cheol Jeon(Chungnam National University), Chang-Gyu Kim(Gimcheon U University)
38. BT-53\_A Study on Adaptation of Immigrant Women Who Divorced Korean Men  
Kim Min kyeong(Namseoul University)
39. BT-54\_A Study on Differences in Perception of Finding Employment and Demand for Work Capabilities among Students and University Faculty Members in Departments of Health Care Area, and Enterprises  
In-Ho Jeong(Gimcheon University), Sang-Deok Lee(Gimcheon University), Sook-Jeong Lee(Gimcheon University), Hyun-Soo Bang(Gimcheon University), Chang-Gyu Kim(Gimcheon University), Hee-Chun Lee(Gimcheon University)
40. BT-55\_A Study on the effect of oral health education for the visually impaired by educational media  
Sook-Jeong Lee(Gimcheon University), Han-Gon Kim(Yeungnam University)

▶▶ 15:50 ~ 16:00 Break Time

01. CT-01\_Study on the Factors Affecting Cultural Attitude of Nurses and Social Workers in Multicultural Korean Society  
So Yun Choi(Namseoul University), Kyung Sook Kim(Namseoul University)
02. CT-02\_A Case Study on The Match Fixing in Korea Pro Sports  
Wonchul Bing(Baekseok University)
03. CT-03\_A Case Study on The Virtual Studio for TV News Program  
Hyun Park(ChungAng University), Unzi Kim(ChungAng University)
04. CT-08\_A Study on the a Beauty-Image Express on Women's Portraits in Modern Times Period between Korea and Europe  
Unjae Yun(Joongbu Univ)
05. CT-09\_A Study on the Current Status of Nail Cosmetology Education  
Mi Won Kim(Joongbu Univ.)
06. CT-15\_A Survey for Interactive Digital Game Art Form  
Jung Yoon KIM(Chung-Ang University), Jung Tae KIM(Chung-Ang University), Won Hyung LEE(Chung-Ang University)
07. CT-17\_An Analysis of Recipient Activities in Mandarin Chinese storytelling  
Jee Won Lee(Yonsei University UIC)
08. CT-19\_An Investigation into the Factors Determining the Success of Comic Book-Based Movies  
Chan Ik Park(Chungwoon University), Young Ju Lee(Chungwoon University)
09. CT-20\_Asian percussion instrumental onomatopoeia research for voice recognition musical interface  
Kim Byung O(Jeonju Univ)
10. CT-24\_Comparison and Analysis of IT industries between Korea and China  
Yonglin Cui(Hansung Univ), Sae-Hong Cho(Hansung Univ),  
Sung-Woo Cho(Korea Inter National School), Jaehwak Roh(Hansung Univ)
11. CT-25\_Culture Technology Forecasting Using Quantitative Patent Analysis  
Sunghae Jun(Cheongju University)
12. CT-26\_Design and Implementation of Virtual Reality Digital Game Art Apply The Game Play Elements  
Hae Young Lee(Chung-Ang University), Jung Yoon Kim(Chung-Ang University),  
Won hyung Lee(Chung-Ang University)
13. CT-27\_Developing A Smart phone Application for the Interactions in Large classes  
Sae-hong Cho(HanSung University), Ilmin Kim(HanSung University)

14. CT-28\_Development of an emotional interaction character robot  
Eun Ho Kim(Korea Institute of industrial Technology), Kwan Young Joung(Korea Institute of industrial Technology)
15. CT-29\_Verification of family adaptation model of marriage immigrant women  
In Sook Park(Chungnam National University), Jae-Woo Oh(Chungbuk Health & Science University),  
Young-Sook Moon(Konyang University)
16. CT-31\_Expressing Emotions in Kinetic Typography for Effective Communication  
Young Ju Lee(Chungwoon University), Chanlk Park(Chungwoon University)
17. CT-32\_Fuzzy Controller Design for Quadruped Animal Posture Control  
Lee Sang-won(KITECH), OHung Kwon(KITECH), Kyung-Hwa Rim(Korea University)
18. CT-33\_Global Transfer of HR Processes  
Yunsuk Cha(Dong-A University)
19. CT-36\_Implication of Rights to Access and Mobility for the Transportation Vulnerable in Korean  
Laws  
Hong-Joong Cho(Chonnam National University), Sang-Gu Kim(Chonnam National University)
20. CT-38\_Listen to My Heartbeat: The Effect of Synchronized Movements with People's Biological  
Signals on the Perception of a Robot  
JungJu Choi(Ewha Womans University), Yoon Ah Min(Ewha Womans University),  
Eunho Kim(Korea Institute of Industrial Technology), Sonya S.Kwak(Ewha Womans University)
21. CT-41\_Proposal for the Effective Establishment of Gender Budgeting System  
KabSook Lee(Gender Equality Policy Research Station), Jinhyeon Sohn(Sunmoon University)
22. w-14-32\_Delay Tolerant Contents Dissemination in Metropolitan Cities  
Seokhyun Kim(Namseoul University), Myoun-Jae Lee(Baekseok University)

▶▶ 12:00 ~ 13:00 Lunch Time

23. CT-42\_Sonic Space: Exploring the potential of sound visualization technology as an affective technology of communication  
Hyun Park(ChungAng University), Sungdae Hong(Seokyeong University), Unzi Kim(ChungAng University)
24. CT-43\_The Study of Comparative Culture on Pregnancy and Childbirth of Marriage Immigrant Women in Korea  
In Sook Park(Chungnam National University), Seung Ok Ro(Shinheung University), Keum Jae Lee(Kachun University)
25. CT-45\_The Effect of Female Immigrants' Image on Building Relationship  
Hong Sook–Yeong(Hansei University), Cho Seung–Ho(Hansei University)
26. CT-46\_The Effect of Image Stimulus for Design Creativity Support System  
Sunhee Jang(Sungshin Women's University)
27. CT-47\_The Effects of Fan Citizenship Behavior on Team Equity, Sports Sponsor, and Community Equity  
Jung–Won Ock(Catholic University of Pusan), Jong–Kuk Shin(Pusan National University), Min–Sook Park(Catholic University)
28. CT-48\_The Impact of Eight-Week High Intensity Interval(HII) Program on The Maximum Oxygen Uptake, Muscle Endurance, and Performance of Long-Distance Runners  
Chonsung Kim(Seoul Physical Education High School), Wonchul Bing(Baekseok University), Bumchul Chung(Korea National Sport University)
29. CT-49\_The Integrated Web Application Program for Mobile Contents Editing  
Yang Mi Lim(Duksung Women's University), Ku Eun Jung(Daegu Haany University)
30. CT-50\_The Maturity Structure of Volatility and Trading Activity  
Jong In Yoon(Baekseok Univeristy)
31. CT-51\_The New Paradigms of Popular Music Market Utilizing the Internet Social Service  
Jungmin Byun(Joongbu University), Ill Chul Doo(Dongguk University), Chng Soo Sung(Dongguk University)
32. CT-04\_Usefulness and Strategy of Mobile Service as a Persuasive Technology  
Jiyoun Han(Ajou University), Kyungwon Lee(Ajou University), Sunhee Jang(Sungshin Women's University)
33. IT-054\_Internet Traffic Classification Using a Markov Model and Kullback-Leibler Divergence  
Jiyoun Han(Ajou University), Kyungwon Lee(Ajou University), Sunhee Jang(Sungshin Women's University)  
Jeankyung Kim(Inha University), Jinsoo Hwang(Inha University), Kichang Kim(Inha University)

▶▶ 14:20 ~ 14:30 Break Time