

## International workshop oral sessions and banquet (09:00 ~ 21:00)

Time	Sessions
09:00 ~ 09:30	<b>Registration</b> <b>Location: Lobby 1</b>
9:30 ~ 11:30	<b>Special Lecture</b> <b>Location: 105</b> Session Chair: Mohamed Ezzeldin A. Bashir <b>Opening speech (20min)</b> Keun Ho Ryu (Chungbuk National University) <b>Sub-dimension analysis based time interval detection for load shape factor extraction (25min)</b> Minghao Piao <i>DB/Bioinformatics Lab., Chungbuk National University</i> <b>A novel approach for document clustering based on semantic similarity calculation (25min)</b> Meijing Li <i>DB/Bioinformatics Lab., Chungbuk National University</i> <b>GPU-accelerated Temporal Relation Rule Mining using the CUDA programming environment (25min)</b> Sooho Park <i>DB/Bioinformatics Lab., Chungbuk National University</i> <b>MapReduce-based Emerging Pattern Mining in Web Usage Mining (25min)</b> Xiuming Yu <i>DB/Bioinformatics Lab., Chungbuk National University</i>
11:30 ~ 12:45	<b>Lunch</b> <b>Location: Restaurant 1</b>
13:00~ 14:40	<b>Keynote Lecture</b> <b>Location: 105</b> Session Chair: Oyun-Erdene Namsrai <b>Data Mining for Personalized Diagnosis of Acute Myocardial Infarction based on Hybrid Marker (25min)</b> Jang Hwan Bae <i>Department of Internal Medicine, Chungbuk National University</i> <b>Measurement of the Bio-signal using the Digital Clothing Technology (25min)</b> Gi-Soo Chung <i>Korea Institute of Industrial Technology</i> <b>Organizing and analyzing big data (25min)</b> Erdenebileg Batbaatar <i>National University of Mongolia, Mongolia</i> <b>A Novel, Effective and Flexiable Way to Do Preprocessing for Token-base Source Code Clone Detection (25min)</b> Dingkun Li <i>DB/Bioinformatics Lab., Chungbuk National University</i>
14:40 ~ 15:00	<b>Coffee Break</b>
15:00 ~ 16:30	<b>Semi-supervised learning for biomedical information extraction (30min)</b> Tsendsuren Munkhdalai <i>Chungbuk National University</i> <b>Locality-Sensitive Hashing for Image Search (30min)</b> Tiehua Zhou <i>DB/Bioinformatics Lab., Chungbuk National University</i> <b>An EMR-based content personalized high-quality dashboard system development (30min)</b> Hyo Soung Cha <i>National Cancer Center</i>
16:30 ~ 17:00	<b>Coffee Break</b>
17:00 ~ 17:40	<b>Committee Meeting</b>
18:00 ~ 21:00	<b>Banquet</b>

## International workshop oral sessions 09:00 ~ 17:00

Time	Sessions
09:00 ~ 09:30	<p><b>Registration</b> <b>Location: 105</b></p>
09:30 ~ 10:45	<p><b>Session Name: Core Database Technologies</b> <b>Location: 105</b> Session Chair: Oyun-Erdene Namsrai <b>Cloud speeds up the electric reform and Energy Internet construction (25min)</b> Wang Ling <i>The North East Dianli University</i></p> <p><b>Optimum Route Recommendation System for Multiple Possible Destinations Supporting Dynamic Changes of the Environment (25min)</b> Goutam Chakraborty, Chayanon Sub-r-pa <i>Iwate Prefectural University</i></p> <p><b>Dynamics of Foot Sole Pressure as a Rich Source of Health Information - an Application (25min)</b> Goutam Chakraborty, Tetsuhiro Dendou <i>Iwate Prefectural University</i></p>
10:45 ~ 11:00	<p><b>Coffee Break</b></p>
11:00 ~ 12:15	<p><b>Session Name: Data mining applications</b> <b>Location: 105</b> Session Chair: Tung Hoang Do Thanh</p> <p><b>Session Name: Data Mining Techniques</b> <b>Location: 105</b> Session Chair: Wang Ling</p> <p><b>Practical Problems of Developing Indoor Positioning Systems using WiFi (25min)</b> Tung Hoang Do Thanh <i>Head of Management Systems Department, Vietnam Institute of Information Technology (IOIT) of Vietnamese Academy of Science and Technology (VAST), Vietnam</i></p> <p><b>Decision support system: A novel architecture and experiment (25min)</b> Tsatsral Amarbayasgalan, Oyun-Erdene Namsrai <i>National University of Mongolia, Mongolia</i></p> <p><b>Intellectual Learning Technique for Brilliant Arrhythmia Detection (25min)</b> Mohamed Ezzeldin A. Bashir <i>University of Medical Science and Technology, Sudan</i></p>
12:15 ~ 13:30	<p><b>Lunch</b> <b>Location: Restaurant 1</b></p>
13:30 ~ 14:45	<p><b>Classification of High-Dimensional Data using Incremental Decision Tree Ensembles (25min)</b> Yongjun Piao <i>DB/Bioinformatics Lab., Chungbuk National University</i></p> <p><b>Evaluation of Science and Technology Cooperation between Guangdong and Hong Kong Under the "One China, Two Systems" Policy (25min)</b> Seon-Phil Sunny Jeong <i>BNU-HKBU United International College, China</i></p> <p><b>Associative Classification for Multi-Class Label based on Data Distribution (25min)</b> Seung Hyeon Yang <i>DB/Bioinformatics Lab., Chungbuk National University</i></p>
15:00 ~ 17:00	<p><b>Campus Tour</b></p>

International Workshop Panel Discussion 10:00 ~ 13:30

Time	Sessions
10:00 ~ 12:30	<b>Panel discussion and international clustering meeting</b> <b>Location: 105</b>
12:30 ~ 13:30	<b>Lunch</b> <b>Location: Restaurant 1</b>