## Session 7: Cloud and Storage

### 9:00 104
Akihisa Kikutani, Shun-ichi Hirai
**Highly Scalable and Energy-efficient Storage System Using BL8000**

### 9:20 106
Sang Gyu Kim, Hyunsoo Lee
**A New Approach for Approximation of PageRank Using Graph Neural Network**

### 9:40 108
Ahmad Khanspey, Nabil Almousa, Yi-Jen Chen
**A Highly Scalable Distributed Scheduling Algorithm for Cloud Computing**

### 10:00 109
Kyoung-Joo Hong, Jung Min Kim, Young-Hee Lee
**Power-efficient and High-performance Block I/O Framework for Mobile Virtualization Systems**

---

## Session 8: Information Retrieval and Recommendation

### 9:00 54
Sung-Hoon Kim, Hwan-Gue Cho
**A New Approach for Approximate Text Search Using Graph Neural Network**

### 9:20 58
Satoshi Usunara, Noboru Sonehara
**A Method for Finding Items to Support Final Selection from Search Results**

### 9:40 59
Yoon-Sik Kang, Hong-Jo Park, Sang-Kyun Kim
**A Method for Recommending the Latest News Articles via Kubernetes and CI/CD**

### 10:00 60
Kochtong Quiyuk, Thanaphon Nopaeth, Shoji Noda
**Individualizing User Profile from viewing logs of Several People for TV Program Recommendation**

---

## Session 9: Healthcare and Big Data

### 10:50 33
Byeonghwak Won, Yeoung-Young Byun, Young-Joon Lee, Chul Hyun, Hyun-Seok Kim
**Screen Detection by Tensor Voting Correlation Gaussian Modeling**

### 11:00 35
Ahmed Masoud, Seunghun Lee
**An Adaptive Information Structure for Very Large-Scale Recognition of 3D Objects**

### 11:10 36
Hyun Kwon, Youngwook Kim, Young-Han Kim, Young-Chul Kim
**A Proposal of Storage Power Control Method with Data Placement in an Environment using Many MDSS**

### 11:20 37
Bokuk Park, Daegeon Kwon, Sungyoung Lee, Seho Bae, Se-Kyun Jung
**Video Search in Video Sharing Site Based on Public Video Lists**

---

## Session 10: Computer Vision

### 10:50 13
Bang Sun Lee, Sungwoo Park, Young-Shin Kim
**KARE: A Hybrid Reasoning Approach for Promoting Active User Knowledge**

### 11:00 15
Taro Yahata, Takashi Morita, Katsunori Furuhashi
**Formulation and Verification of the Body of Knowledge of Time Disciplines using WebDT**

### 11:10 16
Eiad Yafi, M. Zuhairi, Tam Nguyen, Quang Nhat Vo, Hyun Joon Kim, Hyung Ik Eom
**Unsupervised 3D Human Pose Recognition from a Single Depth Image Using a New Depth Estimation Map and Kinematic Body Model**

### 11:20 17
Giwoong Nam, Dongeun Kim, Seung-Hyun Yoon, Jae-Wook Hwan-Gue Cho, DoHoon Lee
**A Proposal of Storage Power Control Method with Data Placement in an Environment using Many MDSS**

---

## Session 11: Classification and Recognition

### 10:50 18
Suppakitpaisarn, Noboru Sonehara, Razmahn Sarobin, Wan Suriyani
**Classification and Recognition of 3D Objects**

### 11:00 19
Kyoung-Eun Lee, Hyun-Young Lee, Jung-Ho Kim
**A Novel Efficient Offline Grouping Proof Protocol Using Multiplicative Teams of Two**

### 11:10 20
Ammar Zubari, Ahmed Auda
**A New Approach of Hidden Markov Model for Text Series Forecasting**

### 11:20 21
Hyeran Byun
**Training of Interval Type-2 Fuzzy Logic System Using Extreme Learning Machine for Load Forecasting**

### 11:30 22
Hanjae Park, Seho Bae, Se-Kyun Jung
**Combining Eye Fixation and Content-directed Salience for Attentional Object Segmentation**

### 11:40 23
Shogo Nishida
**Robustness of Action Recognition Using Local Feature Descriptors**

### 11:50 24
Eunjung Park, Jeongyong Koh, Unoo Cho, Sung-Youl Kim
**A Study on Human Action Recognition Using Local Feature Descriptors**

---

## Session 12: Databases and Security

### 10:50 25
Ryoichi Unuma, Takehiro Moriwaki, Hiroyuki Moriyama, Masanori Taki
**A Study of Open-Source Data Mining Tools for Imbalanced Class Learning**

### 11:00 26
Takanori Inoue, Takayuki Arai, Atsuku Takefusa, Hidemoto Nakada, Tsutomu Ikegami
**A Study of Open-Source Data Mining Tools for Imbalanced Class Learning**

### 11:10 27
Yun-Sik Kang, Hong-Jo Park, Sang-Kyun Kim
**A Method for Recommending the Latest News Articles via Kubernetes and CI/CD**

### 11:20 28
Young Chul Kim
**The iSchool Vision for Interdisciplinary University Research and Education**

### 11:30 29
Hyeran Byun
**Training of Interval Type-2 Fuzzy Logic System Using Extreme Learning Machine for Load Forecasting**

### 11:40 30
Ryoichi Unuma, Takehiro Moriwaki, Hiroyuki Moriyama, Masanori Taki
**A Study of Open-Source Data Mining Tools for Imbalanced Class Learning**

### 11:50 31
Yun-Sik Kang, Hong-Jo Park, Sang-Kyun Kim
**A Method for Recommending the Latest News Articles via Kubernetes and CI/CD**

---

## Keynote Speech 2: Prof. Mary Beth Sasse

**The iSchool Vision for Interdisciplinary University Research and Education**

[http://www.ischool.org/gnu/ispeakers.htm]