

KICSS 2017 Organizing Chairs

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Ms. Naoko Yamaguchi, Nagoya Institute of Technology, Japan

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KICSS 2017 Social Event Information

Welcome Reception

- To be held from Foyer at 5:00PM, November 9 (Thursday).



Banquet and Award Presentation

- To be held at Nagoya Tower from 6:30PM.
- Bus will depart at 6:00PM on November 10 (Friday) from 8th Building.
- Please come to Foyer until 6:00PM.



Lunch

- To be served on November 9 (Thursday) and 10 (Friday) at Foyer.

Coffee

- We brew and serve a fresh coffee every morning and afternoon on Nov. 9 and 10.
- To be served at Foyer.

KICSS 2017 Conference Program

■■■ November 9, Thursday ■■■

9:30AM-5:00PM **Foyer**
Registration (9:30AM - 5:00PM) & Morning Coffee (9:30AM - 10:00AM)

10:00AM-10:30AM **Auditorium**
Opening Ceremony

10:30AM-11:30AM **Auditorium**
Keynote 1
Session Chair: Takayuki Ito, Nagoya Institute of Technology

- Building Safe Smart Environment using the DynaCollect Service-Oriented Things Framework
 - Kwei-Jay Lin, University of California, Irvine

11:30AM-12:00PM **Auditorium**
Research introduction for progress-in-work presenters (3 minutes /paper without slides)

12:00PM-1:00PM **Foyer**
Lunch & Coffee (12:00PM - 1:00PM)

1:00PM- 2:40PM **Auditorium**
Technical Session 1: AI and Multiagent Systems (1)
Session Chair: Chunsheng Yang, National Research Council Canada

- On Measuring the Opposition Level Amongst Intelligent Agents in Multi-issue Closed Negotiation Scenarios
 - Tatsuya Toyama, Ahmed Moustafa, Takayuki Ito
- Multi-layered Traffic Viewer for Strategic Decision Making
 - Hiroaki Kingetsu, Hattori Hiromitsu
- An Ordering Mechanism for Automated Negotiation Among Nonlinear Utility Agents
 - Xun Tang, Takayuki Ito, Ahmed Moustafa

1:00PM- 2:40PM **Room B**
Technical Session 2: Knowledge Creation and Sharing, and Management (1)
Session Chair: Naoko Kosaka, NTT Secure Platform Laboratories

- Extracting Personal Names Using Formal Concept Analysis
 - Guymon Hall, Kazem Taghva
- Using Linguistic Knowledge for Enhancing Word Alignment in Thai-English SMT
 - Kanyalag Phodong, Rachada Kongkachandra
- Generation of Schematized Incident Response Story as Know-How for Commander
 - Naoko Kosaka, Mitsuhiro Higashida, Megumi Uesu, Tomohiro Kokogawa, Koji Kishi, Yuji Maeda

1:00PM- 2:40PM**Room C**

Technical Session 3: Emerging Technologies (1)

Session Chair: Minoru Koide , Tohoku Bunka Gakuen University

- On Overcoming the Skepticisms of Data Storage in Cloud Computing Environment
 - Bassey Isong, Nosipho Dladlu, Neo Motlhabane, Munienge Mbodila
- Missing Data Imputation based on Enhanced Bees Algorithm
 - Kritanut Chungnoy, Pornthep Khongchai, Pokpong Songmuang
- Support System of Improvisational Ensemble Based on User's Motion Using Smartphone Sensors
 - Souta Mizuno, Shugo Ichinose, Shun Siramatsu, Tetsuro Kitahara

2:40PM-3:00PM**Foyer**

Coffee Break & Poster Setting

3:00PM-4:15PM**Auditorium**

Special Invited Talk

Session Chair: Katsuhide Fujita, Tokyo University of Agriculture and Technology

- Multi-agent Solutions for Complex Systems
 - Minjie Zhang, University of Wollongong

3:00PM-4:15PM**Room B**

Technical Session 4: AI and Multiagent Systems (2)

Session Chair: Chunsheng Yang, National Research Council Canada

- A Machine Learning-based Method for Rail Inspection
 - Chunsheng Yang
- Automatic Evaluation of Posts using Multi-agent Model Based on User Feature Extraction
 - Makiko Ida, Katsuhide Fujita
- A Mobile Application for Supporting Agriculture Investment with ROI-based Measurement
 - Nongnuch Ketui, Kanitha Homjun, Sunil Deshar, Atcharaporn Poolying

3:00PM-4:15PM**Room C**

Technical Session 5: Knowledge Creation and Sharing, and Management (2)

Session Chair: TBA

- Active Learning & Teaching Education Method for University Freshmen Strengthening Thinking and Creativity with the Idea-Marathon System
 - Shozo Saegusa, Takeo Higuchi
- A Technical Term Search System for Foreign Exchange Student that Considers Adaptation to Lecture and Difficulty of Japanese
 - Naoki Takemura, Nobuyuki Kobayashi, Hiromitsu Shiina
- A Linear Algebraic Inference for Feature Association
 - Hongjie Zhai, Makoto Haraguchi

Welcome Reception & Work-in-progress papers session (Poster Presentation)

Session Chair:

Work-in-progress Papers

- A Study of Hospital-Pharmacy Cooperation Scheme with Internet Cloud for Inhalation Instruction
 - Sumika Fukuyama, Satoshi Yamauchi, Kenshiro Yoshimura, Ichitaro Nakura, Takeshi Toda, Reiko Ito, Hiroyuki Ohbayashi, Yasuhiro Gon
- Triangulation of Terrain Maps for Visualization
 - Koushi Anzai, Takaaki Goto, Youzou Miyadera, Masanori Suzuki, Takeo Yaku
- Feature Extraction of Triangular Regular Networks with the Drop of Water Principle
 - Takaaki Goto, Shinji Koka, Chisato Suzuki, Masanari Suzuki, Takeo Yaku
- A Study of a Nursing E-Learning System with of Exemplary and Own Operation Video
 - Ryota Ijima, Masaya Hayashi, Hiroaki Sawano, Sakiko Sumai, Kayo Haruta, Mieko Suwa, Minako Nakamura, Yukari Murayama, Shintaro Higasiyama, Tomomi Morishita, Hatsuko Suzumura, Norio Ishii
- A Proposal of a PAD Evaluation Tool for Programming Education
 - Kanta Ogiso, Tsubasa Nakano, Hiroaki Sawano, Naoki Oyake, Maho Ueda, Masaya Uchi, Yuri Suzuki, Norio Ishii
- A Proposal of a Catheter Insertion Evaluation Method Based on Its Speed
 - Shunsuke Shiga, Hiroaki Sawano, Tsuyoshi Matsukawa, Saori Sakuma, Norio Ishii, Yuri Suzuki
- 96 Degree Grids for Modeling of Multiple Time-Continuous 4D Objects
 - Takeo Yaku, Youzou Miyadera, Masanari Suzuki
- Analysis of Attendees' Perception in Cyber-Physical Discussion Event
 - Tokuro Matsuo, Naoki Fukuta, Katsuhide Fujita, Takanobu Otsuka, Akihisa Sengoku, Takayuki Ito
- Exploratory Research on Feature Value of Discussion Vocabulary in Group Learning.
 - Shun Okuhara, Koichi Muto, Ryo Sugawara, Takayuki Ito

■■■ November 10, Friday ■■■

9:30AM-5:00PM

Foyer

Registration (9:30AM - 4:30PM) & Morning Coffee (9:30AM - 10:20AM)

10:20AM-12:00PM

Auditorium

Technical Session 6: Knowledge Creation and Sharing, and Management (3)

Session Chair: Katsuhide Fujita, Tokyo University of Agriculture and Technology

- Dynamics of Knowledge Creation Process by Matching HUB
 - Yasuko Nakada, Yukari Nagai
- A Design of Research Group Workshop to Generate Co-Creation Between Researchers and Citizens
 - Ryoji Horita, Minoru Mitsui, Takayuki Ito, Shun Shiramatsu, Akihisa Sengoku, Katsuhide Fujita, Naoki Fukuta
- Exploiting Criticisms in Brainstorming: A Pilot Study
 - Hiroaki Ikuta, Youji Kohda, Kazushi Nishimoto

10:20AM-12:00PM

Room B

Technical Session 7: E-Activities and Systems (1)

Session Chair: TBA

- Pattern Extraction of Polite Response to Customer Feedback
 - Tip-aroon Kiawkaew, Nattapong Tongtep
- A collaborative active learning for relax life by feedback from sensor data and conversation between human and machine
 - Taizo Miyachi, Saiko Iga, Takashi Furuhashi
- Conceptualizing the Sharing Relationship Framework on Applicants and Employers in Current E-recruitment Process of Bangladesh
 - Nayeema Afroz Sultana, Youji Kohda
- Research on Discussion Intervention Using Feature Value of Vocabulary in Shallow Learning
 - Shun Okuhara, Takayuki Ito

10:20AM-12:00PM

Room C

Technical Session 8: Emerging Technologies (2)

Session Chair: TBA

- An Extraction Method of Coronary Artery and Left Ventricle from Heart CT Images based on Hough Transformation and Region Growing
 - Shoto Sekimura, Akio Doi, Toru Kato, Maiko Hozawa, Yoshihiro Morino
- The Effect of Sampling Approach on Hard Drive Failure Prediction with Highly Imbalanced Data
 - Nattaporn Netirungroj, Aimamorn Suvichakorn, Kitiphan Pomoung, Eakasit Pacharawongsakda
- The technological trajectory analysis on medical devices about cochlear implants in hearing impairment
 - Minoru Koide

12:00PM-1:00PM	Foyer
Lunch & Coffee (12:00PM-1:00PM)	
1:00PM-2:00PM	Auditorium
Keynote 2	
Session Chair: Naoki Fukuta, Shizuoka University	
<ul style="list-style-type: none"> ● Enhancing Creativity through Innovative Design Thinking <ul style="list-style-type: none"> ➤ Yukari Nagai, Japan Advanced Institute of Science and Technology 	
2:00PM-3:40PM	Auditorium
KICSS 2017 Forum Discussion	
3:40PM-4:00PM	Foyer
Coffee Break	
4:00PM-5:40PM	Auditorium
KICSS 2017 Steering Committee Meeting (Invitation only)	
4:00PM-5:40PM	Room B
Technical Session 9: Knowledge Creation and Sharing, and Management (4)	
Session Chair: Motoki Miura, Kyushu Institute of Technology	
<ul style="list-style-type: none"> ● Decisional Balance to Become Creative: Focusing on mini-c <ul style="list-style-type: none"> ➤ Kenji Kondo, Yukari Nagai ● On-line Argumentative Rationality Analysis by Case of TCM Debate at Tianya Forum <ul style="list-style-type: none"> ➤ Xijin Tang, Can Wang ● Semantics-Based Topic Identification for Keyphrase Extraction <ul style="list-style-type: none"> ➤ Kwanrutai Nokkeaw, Rachada Kongkachandra 	
4:00PM-5:40PM	Room C
Technical Session 10: Emerging Technologies (3)	
Session Chair: Takeo Yaku, Nihon University	
<ul style="list-style-type: none"> ● Increasing Research Creativity Through Open Innovation Platforms <ul style="list-style-type: none"> ➤ Thomas Koehler, Andrzej Skulimowski ● Thai Question Answering Systems in Diabetes Using Logical Co-Operators <ul style="list-style-type: none"> ➤ Ketsara Phetkrachang ● Tracing Practice System for Developing Paper-Cutting Skills <ul style="list-style-type: none"> ➤ Takafumi Higashi, Hideaki Kanai 	
6:00PM	Foyer
Bus Departure to the Conference Banquet Venue by Transportation Service from the Conference Venue	
6:30PM-8:00PM	Nagoya Tower
Conference Banquet and Award Presentation at Nagoya Tower	

■■■ November 11, Saturday ■■■

9:30AM-11:00AM

Foyer

Registration (9:30AM – 10:00AM) & Morning Coffee (9:30AM - 9:40AM)

9:50AM-11:55AM

Room B

Technical Session 11: E-Activities and Systems (2)

Session Chair: Shun Okuhara, Fujita Health University

- Sweetie Framework: Simple but Practical Web Application Development Environment
 - Motoki Miura
- Finding Key Contents from Click Stream on E-learning Course
 - Yuki Kitanaka, Kazuhiro Takeuchi, Sachio Hirokawa
- Extracting customer reviews from online shopping and its perspective on product design
 - Kieu Que Anh, Yukari Nagai, Nguyen Minh
- Prototype System for Recommending Academic Subjects for Students' Self Design of Curriculum
 - Yoshinori Miyawaki, Shun Shiramatsu, Yuto Ikeda, Kanae Fukumoto, Souta Mizuno

9:50AM-11:55AM

Room C

Technical Session 12: Knowledge Creation and Sharing, and Management (5)

Session Chair: TBA

- Optic Disk Localization Using Exclusion Method
 - Tin Tin Khaing, Pakinee Aimmanee
- Crowd Guidance based on Knowledge gained from Simulation Results
 - Katsuki Ichinose, Tomoichi Takahashi
- Comparative Study between Bangladesh and Japan: A Knowledge Based Approach of Women Empowerment and Leadership Transformation
 - Nilima Haque Ruma, Kawanishi Shungo, Youji Kohda
- Iterative Thai Treebank Construction via Interactive Tree Visualization
 - Thodsaporn Chay-intr, Phakhawat Sarakit, Thanaruk Theeramunkong

12:00PM-12:15PM

Foyer

Conference Adjournment