



The 7th Hosei University IIST Colloquium

The first Student Report Meeting

第 7 回法政大学 IIST コロキウム IIST 1 期生報告会

This colloquium is to introduce current IIST students' research projects on integrated science and engineering. Six international students from Vietnam, Africa, and China will present their research results and share their experiences of studying in Hosei. Twelve IIST students from 5 different countries will attend the colloquium and join the discussion.

Date and Time: 14:30- 16:40 Dec. 22th, 2017
日時: 2017 年 12 月 22 日(金) 午後 2:30-4:40

Venue: W1002, Hosei University Koganei Campus
3-7-2 Kajiono cho, Koganei City, Tokyo 184-8584 JAPAN
会場: 法政大学, 小金井キャンパス, 西館 1F W1002

Host: Hosei University IIST: Institute of Integrated Science and Technology
Hosei University Global Education Center

主催: 法政大学 IIST(総合理工学インスティテュート)
共催: 法政大学グローバル教育センター

PROGRAM

14:30-14:35

OPEN MESSAGE

Prof. Kazuo Yana, IIST Director

SESSION 1

14:35-14:55 Jiaoman Du (2nd Year Ph. D. Student)

Multilevel Programming Model for Multiple Depots Capacitated Vehicle Routing Problem with Urban Hazmat Transportation System

14:55-15:15 Ao Guo (2nd Year Ph.D. Student)

An Integrative and Precise Approach in Personality Computing Based on Ontic Personae Modeling

15:15-15:35 Huu Quan CAP (2nd Year Master Student)

End-to-end Deep Learning for Practical Plant Diagnosis

15:35-15:40 INTERMISSION

SESSION 2

15:40-16:00 Busalire Onesmus Emeka (2nd Year Master Student)

SRESOFL-A Secure By Design Formal Approach to SRE

16:00-16:20 Peter Mungai (2nd Year Master Student)

Chunking Mechanisms for a Self Improving Associative Memory Model

16:20-16:40 Jia Guo (2nd Year Ph. D. Student)

A Pair-wise Bare Bones Particle Swarm Optimization Algorithm

14:35-14:55 Jiaoman Du (2nd Year Ph. D. Student)

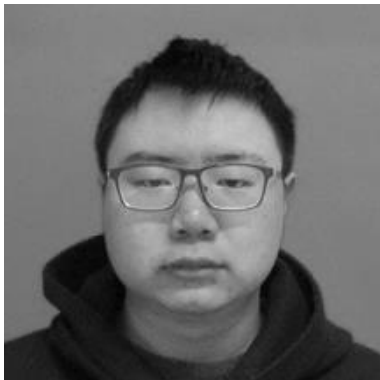
Multilevel Programming Model for Multiple Depots Capacitated Vehicle Routing Problem with Urban Hazmat Transportation System



Du Jiaoman received her master degree in business administration from Beijing University of Chemical Technology, Beijing, China, in 2016. She is currently a Ph.D. student majoring soft computing in Hosei University. Her current research includes soft computing, transportation systems and optimization theory

14:55-15:15 Ao Guo (2nd Year Ph.D. Student)

An Integrative and Precise Approach in Personality Computing Based on Ontic Personae Modeling



Ao Guo received M.E. degree from Huazhong University of Science and Technology, China, in 2016. He is currently working toward the Ph.D. degree at Hosei University, Japan. He received the best paper award at CPSCom 2016. His research interests lie in the intersection of human-computer interaction (HCI), ubiquitous computing, and personality computing, including using context-aware data collection system for personality analysis.

15:15-15:35 Huu Quan CAP (2nd Year Master Student)

End-to-end Deep Learning for Practical Plant Diagnosis



Huu Quan, CAP received the B.S degree from the University of Information Technology, Vietnam National University, Ho Chi Minh city, Viet Nam in 2016. He was a SAKURA Science student and came to Hosei University in March 2016. After that program, he decided to come back and continue to study at Hosei. Now, he is an IIST master student of Graduate School of Science & Engineering in Hosei University, Koganei Campus. His current research is Deep Learning, Image Processing and applied it for improving agriculture productivity. He's designing a practical plant disease diagnosis system that can help farmers prevent disease and improve their productivity.

15:40-16:00 Busalire Onesmus Emeka (2nd Year Master Student)

SRESOFL-A Secure By Design Formal Approach to SRE



Busalire Onesmus Emeka received his BSc Computer Science from Moi University, Kenya in 2012. Currently, he is a 2nd Year Masters student at Hosei University Graduate School of Computer and Information Science, Tokyo Japan. His current research is in Software Security with a focus on Requirement Specifications, especially for m-banking applications. He is working on a security requirement engineering model that seeks to provide a weaving approach where a software's functional and security requirement specifications can be defined together. The model shall enable software engineers give an early focus on software security at the Requirement Specifications phase of any Software Development Life Cycle . Emeka is also a tech-entrepreneur and spends some of his time researching and exploring favourable models of establishing ecosystems for technology Startups.

16:00-16:20 Peter Mungai (2nd Year Master Student)

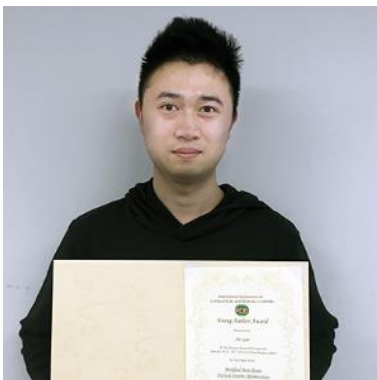
Chunking Mechanisms for a Self Improving Associative Memory Model



Peter Mungai Pursuing a masters degree at Hosei's university department of computer science. His interests include cognitive computing, machine learning and entrepreneurship. When I am not doing all those, I love swimming, travelling and reading.

16:20-16:40 Jia Guo (2nd Year Ph. D. Student)

A Pair-wise Bare Bones Particle Swarm Optimization Algorithm



Jia Guo currently is a Ph.D. student at Hosei University, Tokyo, Japan. He is majoring in computer and information science. His current research including evolutionary computation and swarm intelligence. He has proposed several optimization methods based on the bare bones particle swarm. He is now working on applying the methods to industrial applications.