

Annual Workshop on Statistical Science and Related Topics

Department of Mathematics, Graduate School of Science, Josai University

Venue: Room 22, The 3rd Building, Tokyo Kioi-cho Campus, Josai University

Date/Time: Dec. 7 (Sun.), 2014 / 10:00 - 17:00

Program:

10:00 - 10:10 **Opening**

10:10 - 12:10 Chair: Takahiro Tsuchiya (Josai University)

- *“Distributions of numbers of runs and scans on higher order Markov directed acyclic graphs with generation”*
Kiyoshi Inoue (Seikei University)
- *“Joint distributions of numbers of trials and returns to the origin until random walk reaches at absorbing states”*
Katuomi Hirano and Norihiro Yoshida (Josai University)
- *“On calculations of exact distributions of waiting times of discrete patterns based on generating functions”*
Sigeo Aki (Kansai University)

12:10 - 13:20 **Lunch**

13:20 - 15:20 Chair: Katuomi Hirano (Josai University)

- *“Tests for mean vectors with two-step and three-step monotone samples”*
Ayaka Yagi and Takashi Seo (Tokyo University of Science)
- *“Eulerian distribution with a missing number”*
Takahiro Tsuchiya (Josai University)
- *“Pseudo-Normal Random Number Generation via the Eulerian Numbers”*
Nagatomo Nakamura (Sapporo Gakuin University)

15:20 - 15:30 **Coffee Break**

15:30 - 16:50 Chair: Manabu Inuma (Josai University)

- *“Predictive model selection criteria for relevance vector regression models”*
Kazuki Matsuda (Chuo University)
- *“Information-Theoretically Secure Blind Authentication Codes without Verifier’s Secret Keys”*
Noriyasu Takei, Yohei Watanabe and Junji Shikata (Yokohama National University)

16:50 - 17:00 **Closing**

List of Participants

Aki, Shigeo	Kansai University
Fujita, Masahiro	Josai University
Fujita, Shoichi	Josai University
Hirano, Katuomi	Josai University
Hyodo, Masashi	Tokyo University of Science
Iida, Masatoshi	Josai University
Inoue, Kiyoshi	Seikei University
Inuma, Manabu	Josai University
Kang, Hyunho	Tokyo University of Science
Matsuda, Kazuki	Chuo University
Nakamura, Nagatomo	Sapporo Gakuin University
Nishiyama, Takahiro	Senshu University
Nishizawa, Kiyoko	Josai University
Seo, Takashi	Tokyo University of Science
Shikata, Junji	Yokohama National University
Tsuchiya, Takahiro	Josai University
Watanabe, Hiroki	Ministry of Defense
Watanabe, Yohei	Yokohama National University
Yagi, Ayaka	Tokyo University of Science
Yoshida, Norihiro	Josai University