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Program

21 March

Session 1 (13:00-14:00) Chaired by Akimichi Takemura (Shiga University, Japan)

13:00-14:00

Masaaki Sibuya (Keio University, Japan)

Gibbs Base Random Partitions

Session 2 (14:10-15:00) Chaired by Akimichi Takemura (Shiga University, Japan)

14:10-14:35

Yasuko Chikuse (Kagawa University, Japan)

Properties of General Systems of Orthogonal Polynomials with Symmetric Matrix Argument

14:35-15:00

Toshinari Kamakura (Chuo University, Japan)

Fast Calculations and Bias-Reduction of MLE's for Generalized Gamma Family Distributions

Session 3 (15:15-16:30) Chaired by Yoshinori Kawasaki (The Institute of Statistical Mathematics, Japan)

15:15-15:40

Satoshi Kuriki (The Institute of Statistical Mathematics, Japan)

Dependence Properties of B-Spline Copulas

Joint work with Xiaoling Dou (Waseda University, Japan), Gwo Dong Lin (Academia Sinica, Taiwan), and Donald Richards (Penn State University, USA)

15:40-16:05

Hideatsu Tsukahara (Seijo University, Japan)

On Some Resampling Procedures with the Empirical Beta Copula

Joint work with Anna Kiriliouk (University of Namur, Belgium) and Johan Segers (Universite Catholique Louvain, Belgium)

16:05-16:30

Shogo Kato (The Institute of Statistical Mathematics, Japan)

A Measure for Comparing Upper and Lower Tail Probabilities of Bivariate Distributions

Joint work with Toshinao Yoshiba (Bank of Japan, Japan) and Shinto Eguchi (The Institute of Statistical Mathematics, Japan)

22 March

Session 4 (9:30-10:30) Chaired by Nobuaki Hoshino (Kanazawa University, Japan)

9:30-10:30

Seng-Huat Ong (University of Malaya; UCSI University, Malaysia)

A Family of Distributions Formed by Convolution of Binomial Variables, Related Distributions and Generalizations

Joint work with Shin-Zhu Sim (Universiti Tunku Abdul Rahman, Malaysia)

Session 5 (10:40-11:30) Chaired by Nobuaki Hoshino (Kanazawa University, Japan)

10:40-11:05

Kunio Shimizu (The Institute of Statistical Mathematics, Japan)

A Bivariate Circular Distribution and its Discretization

11:05-11:30

Tomoaki Imoto (University of Shizuoka, Japan)

Construction of Circular Distributions from Closed Curves in the Plane

Session 6 (13:00-14:00) Chaired by Ryozo Miura (Hitotsubashi University, Japan)

13:00-14:00

James C. Fu (University of Manitoba, Canada)

Distribution of Number of Levels in [s]-specified Random Permutation

Session 7 (14:10-15:00) Chaired by Ryozo Miura (Hitotsubashi University, Japan)

14:10-14:35

Koji Tsukuda (University of Tokyo, Japan)

An Error Bound for the Normal Approximation to the Length of a Ewens Partition

14:35-15:00

Hajime Yamato (Kagoshima University, Japan)

Asymptotic and Approximate Discrete Distributions for Length of Ewens Sampling Formula

Session 8 (15:15-16:30) Chaired by Shinto Eguchi (The Institute of Statistical Mathematics, Japan)

15:15-15:40

Tomonari Sei (University of Tokyo, Japan)

Regression Analysis for Imbalanced Binary Data: an Answer to Prof. Sibuya's Questions

15:40-16:05

Mihoko Minami (Keio University, Japan)

Clustering Methods for Distributions

Joint work with Cleridy E. Lennert-Cody (Inter-American Tropical Tuna Commission)

16:05-16:30

Takemi Yanagimoto (The Institute of Statistical Mathematics, Japan)

Conjugate Analysis under Jeffreys' Prior with its Implications to Likelihood Inference

Joint work with Toshio Ohnishi (Kyushu University, Japan)

23 March

Session 9 (9:30-10:30) Chaired by Rinya Takahashi (Kobe University, Japan)

9:30-10:30

Tomasz J. Kozubowski (University of Nevada, USA)

The Sibuya Distribution and its Extension: Fundamental Properties and Connections to Stochastic Models for Extremes

Joint work with Krzysztof Podgorski (Lund University, Sweden)

Session 10 (10:40-12:50) Chaired by Rinya Takahashi (Kobe University, Japan)

10:40-11:05

Toshikazu Kitano (Nagoya Institute of Technology, Japan)

Correlation of Bivariate Extremes Exceeding over the Thresholds - Mathematical Definition and the Graphical Displays –

11:05-11:30

Akichika Ozeki (Eli Lilly Japan K.K., Japan)

An Analysis of Extremes: Semiparametric Efficiency in Regression

Joint work with Kjell Doksum (University of Wisconsin-Madison, USA)

11:30-11:55

Shigenobu Tanaka (Disaster Prevention Research Institute, Kyoto University, Japan)

Future Change in Relationships among Extreme Precipitation Statistics Using "d4PDF"

11:55-12:20

Kaoru Takara (Disaster Prevention Research Institute, Kyoto University, Japan)

History and Perspectives of Hydrological Frequency Analysis in Japan

 12:20-12:50

General Discussion