

## 2015 International Workshop for JSCS 30th Anniversary in Okinawa

Date	Time	Room	Session	Author	Title	Chairperson
October 30 (Friday)	14:00-14:05	B250	Opening Address	Koji Kurihara (Okayama University)		
	14:05-14:45		Keynote Lecture	*Jae Won Lee (Korea University), DongHyuk Lee (Korea University), Byeong Yeob Choi (University of North Carolina at Chapel Hill)	Statistical Approaches to Metabolomics	Koji Kurihara (Okayama University)
	14:50-15:30		Keynote Lecture	Jonathan Miller (Okinawa Institute of Science and Technology Graduate University)	Psychotroctopus	Youhei Morita (Okinawa Institute of Science and Technology Graduate University)
	15:40-17:20		Session 1	*Ko Abe (Chuo University), Toshinari Kamakura (Chuo University)	Parameter Estimation of Alternating Renewal Process from Partially Observed Data	Toshinari Kamakura (Chuo University)
				*Kei Miyazaki (Kansai University), Takahiro Hoshino (Keio University)	An Application of Stagewise Estimation in Latent Transition Analysis	
				*Toshimasa Nagai (Chuo University), Toshinari Kamakura (Chuo University)	Inference for the Extent Parameter of Damages by Tsunami with Poincare Cone	
				*Junji Nakano (The Institute of Statistical Mathematics), Nobuo Shimizu (The Institute of Statistical Mathematics), Yoshikazu Yamamoto (Tokushima Bunri University)	Dissimilarity Between Aggregated Symbolic Data with Categorical Variables	
				*Myungjin Na (Okayama University), Sungho Moon (Busan University of Foreign Studies), Koji Kurihara (Okayama University)	Linear Discriminant Analysis Technique Based on Tuning Parameters for Enhancing Discriminant Power	
	17:25-18:45		Session 2	*Nobuyuki Kobayashi (Sanyo Gakuen University), Takayoshi Mihara (Okayama University of Science), Hiromitsu Shiina (Okayama University of Science), Kikuo Yanagi (Okayama University of Science)	Classification by Approximation using the Neighborhood Range Estimation of Learning Data	Kohei Adachi (Osaka University)
				*Kohei Adachi (Osaka University), Nikolay T. Trendafilov (Open University)	Factor Analysis of High-Dimensional Data with Clustering Variables	
*Atsushi Yoshida (Chuo University), Takenori Sakumura (Chuo University), Toshinari Kamakura (Chuo University)		Indoor Location Estimation Based on ToA Data and Bias Estimation Using Gamma Regression				
Kiyotake Kishi		Bootstrap Cross Validation on Hilbert Space for Model Selection of Density Estimator				

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Date	Time	Room	Session	Author	Title	Chairperson
October 31 (Saturday)	9:00-10:20	B250	Session 3	*Hiroyasu Abe (Doshisha University), Hiroshi Yadohisa (Doshisha University)	Automatic Relevance Determination in NMF based on a Zero-Inflated Compound Poisson Model	Takashi Seo (Tokyo University of Science)
				*Ryosuke Igari (Keio University), Takahiro Hoshino (Keio University)	A Joint Model of Survival and Longitudinal Data under Nonignorable Intermittent Missingness	
				*Ryoko Yamaguchi (Tokyo University of Science), Ayaka Yagi (Tokyo University of Science), Takashi Seo (Tokyo University of Science)	Simultaneous Testing of the Mean Vector and the Covariance Matrix with Monotone Missing Data	
				*Ayaka Yagi (Tokyo University of Science), Zofia Hanusz (University of Life Sciences in Lublin), Takashi Seo (Tokyo University of Science)	LRT Statistics for Testing Equality of Two Mean Vectors with Monotone Missing Data	
	9:00-10:20	C210	Session 4	*Tatsuya Kuwabara (Tokyo University of Science), Hiroki Hashiguchi (Tokyo University of Science)	Approximate Gamma Distributions for Eigenvalues of Complex Nonsingular and Singular Wishart Matrices	Yutaka Tanaka (Okayama University)
				Hao Sun (Doshisha University)	Verifying the ghostwriters of Yasunari Kawabata—who is the actual author of Otome no minato	
				Sho Hashimoto (Kwansei Gakuin University), Kazuaki Tanaka (Kwansei Gakuin University), Kenji Katahira (Kwansei Gakuin University), Noriko Nagata (Kwansei Gakuin University)	A New Method of Analyzing Three-way Data to Estimate the Individual Valuational Tendencies and the Scores of Stimuli	
				Kohei Uno (Osaka University)	Unit-length Vector Biplot with Fuzzy Clustering of Observations and Variables	
	10:40-12:20	B250	Statistical Approaches to Data Mining and Machine Learning	Hidetoshi Matsui (Kyushu University)	Selection of Functional Variables and Classification Boundaries via the Sparse Group Lasso	Manabu Iwasaki (Seikei University)
				*Michio Yamamoto (Kyoto University), Atsushi Kawaguchi (Kyoto University), Heungsun Hwang (McGill University)	Outcome-Guided Clustering using Supervised Dimension Reduction Approach	
*Yusuke Matsui (Nagoya University), Teppei Shimamura (Nagoya University)				Analysis of Object-oriented Data for Comprehensive System Understanding of Cancer		
Fumitake Sakaori (Chuo University)				Tuning Parameter Selection and Error Variance Estimation in Gaussian Sparse Regression Models		
*Kuniyoshi Hayashi (Okayama University), Sachiko Ode (St. Luke's International University), Hiroshi Suito (Okayama University), Takuya Ueda (St. Luke's International Hospital), Osamu Takahashi (St. Luke's International University)				Statistical Analysis of Measurement Errors in the Screening of Diabetic Patients Based on HbA1c		
12:30-13:00		Keynote Lecture	Yutaka Tanaka (Okayama University)	Big Data, Data Science, and Statistics	Makoto Tomita (Tokyo Medical and Dental University)	