

25th Workshop on Applied Stochastic Processes, University of Kashan, May 2024

Time Table

First day: Tuesday, 28 May 2024

Chairman	Time (in local time)	Title	Presenter	Affiliation
	08:00 – 08:30	Welcoming Ceremony		
Ghamsary	08:30 - 09:30	An application of the Geometry of Random Vectors in Data Analysis: A Search-Detection Protocol	A. R. Soltani S.M. Aboukhamseen	Kuwait University
	09:30 – 10:30	The Friendship Paradox for Sparse Random Graphs	A. Parvaneh Ziabari	Leiden University
	10:30 - 10:45	Break Time		
	10:45 - 11:45	On Geometric Properties of Anisotropic Gaussian Random Fields	Y. XIAO	Michigan State University
	11:45 - 12:45	Stochastic Volterra PDE	M. Kyanpur	Sharif University of Technology
Salmanpour	15:00 - 15:30	Periodically Correlated Spatial Processes: Asymptotic Distribution of the Periodogram	B. Amiri Aghbilagh Z. Shishebor	Shiraz University
	15:30 - 16:00	A Stochastic Geometrical Model for Describing the Microstructures Observed in the Material Sciences	H. Ghorbani	University of Kashan
	16:00 - 16:30	Parameter Estimation Using Exponent Function	H.A. Mardani Fard A.R. Soltani	Yasuj University Kuwait University
	16:30 - 16:45	Break Time		
Ghorbani	16:45 - 17:15	Central Limit Theorems for a Hypergeometric Randomly Reinforced Urn	M. Mirebrahimi	University of Mazandaran
	17:15 - 18:15	Fitting Statistical Models with Proc MCMC	M. Ghamsary	Loma Linda University
Soltani	20:00 – 21:00	Random Discrete Probability Measures Based on Negative Binomial Process	M. Zarepour	University of Ottawa
	21:00 – 22:00	Application of Branching Processes in Estimation of the Effective Reproduction Number for Pulmonary Tuberculosis in Iran: A Bayesian Approach	V. Fakoor M. Rastegar & M. Taghi Shakeri	Ferdowsi University Mashhad University of Medical Sciences

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Time Table

Second day: Wednesday, 29 May 2024

Chairman	Time (in local time)	Title	Presenter	Affiliation
Ghamsari	08:00 - 09:00	Functional Data Analysis and Stochastic Differential Equations: Recent Advances and Applications in Diffusion-Driven Models	N. Mohammadi Jouzdani	Colorado State University
	09:00 – 10:00	Presenting a New Class of Symmetric Distributions with the NDS Random Variable	S.M. Aboukhamseen	Kuwait University
	10:00 - 10:15	Break Time		
	10:15 - 11:15	Linear Regression with Unmatched Data: A Deconvolution Perspective	M. Azadkia	London School of Economics
	11:15 - 12:15	Poly-Exp Bounds in Tandem Queues	S. Mehri	University of Warwick
Goodarzi	15:00 - 15:30	Interval-Valued Functional Data Analysis	R. Nasirzadeh F. Nasirzadeh	Fasa University
	15:30 - 16:00	On Reliability Analysis of Markovian Fixing Systems	K. Khorshidian	Shiraz University
	16:00 - 16:30	Exponential Family for Latent Block Model in Co-Clustering	M. Aminghafari	Amirkabir University of Technology
	16:30 - 16:45	Break Time		
Salmanpour	16:45 - 17:45	Spatio-temporal High-Dimensional Matrix Autoregressive Models via Tensor Decomposition	S.Y. Samadi	Southern Illinois University
	17:45 - 18:15	<i>TBA</i>	K. Alishahi	Sharif University of Technology
	19:00 – 20:00	Closing Ceremony (Including Speech by B. Zanganeh – Sharif University of Technology)		