

INTERNATIONAL CONFERENCE ON STATISTICS

“NEW AGE STATISTICS FOR DATA SCIENCE AND ARTIFICIAL INTELLIGENCE”

MARCH 20th-22nd, 2023

SCHEDULE

MONDAY 20/3/2023

Event	Time	Speakers	Title of Talk
Registration, Breakfast	8:00 AM – 10:00 AM	---	
Inaugural Ceremony	10:00 AM- 10:25 AM	Lighting of the Lamp	
Inaugural Talk	10:25 AM- 11:10 AM	Prof.Dr. B.L.S.Prakasa Rao Professor Emeritus, Indian Statistical Institute INSA Honorary Scientist - CRRAO AIMSCS, Univ. of Hyderabad Campus,	Big Data - Fundamentals
Tea Break	11:15 AM - 11:30 AM	---	
Plenary Speech	11:30 AM- 12:15 PM	Prof. Dr. Somnath Datta, University of Florida	Marginal models for clustered data and the issue of informative cluster and subgroup sizes
Keynote Speech	12:15 PM- 12:45 PM	Mrs. Ishani Sarkar, IDFC First Bank	Use of Statistical Techniques in Banking Industry
Keynote Speech	12:45 PM- 1:15 PM	Dr. Girish Aras, New York	History of drug development in the USA
Lunch Break	1:15 PM- 2:15 PM	---	
Keynote Speech	2:15 PM- 2:45 PM	Dr. Rajesh Nandy, University of North Texas	A study of a possible linear relationship between valence and arousal for subjective experience in a real-life setting using longitudinal analysis of Ecological Momentary Assessment (EMA) data
Keynote Speech	2:45 PM- 3:15PM	Dr. Thomas Mathew, UMBC, Baltimore, USA	Inference on the drug interaction index based on binary response data: A fiducial solution
Keynote Speech	3:15 PM- 3:45 PM	Prof. Dr. David Hanagal, Savitribai Phule Pune University	Compound Poisson Shared Frailty Models Based on Additive Hazards
Tea Break	3:45 PM- 4:00 PM	---	
Keynote Speech	4:00 PM- 4:30 PM	Prof. Dr. S Chandrasekhar, IFIM Bengaluru	Recent Trends in explainable AI

Venue	Mukesh Patel Auditorium
	Mini Auditorium
	Mukesh Patel Foyer

TUESDAY 21/3/2023

Event	Time	Speakers	Title
Registration, Breakfast	8:00 AM-9:00 AM	---	
Plenary Speech	9:00 AM-9:45 AM	Prof. Dr. Ashis Sengupta, CSIR Emeritus Scientist Govt. of India at IIT Kharagpur	Inferential Statistical Learning for Emerging Manifold Data
Keynote Speech	9:45 AM-10:15 AM	Prof. Dr. Stefano Bonnini, University of Ferrara Italy	Multivariate Permutation Tests for Categorical Variables
Keynote Speech	10:15 AM-10:45 AM	Mr. Sandeep Varma Mr. Benjamin Lieblich Equity Data Science	Application of Data Science and Analytics to Investment Front Office
Tea Break	10:45 AM-11:00 AM	--	
Keynote Speech	11:00 AM-11:30 AM	Prof, Dr. N. Balakrishna Cochin University of Science & Technology	Stochastic Models for Count Time Series.
Keynote Speech	11:30 AM-12:00 PM	Prof. Dr. T. V. Ramanathan, Savitribai Phule Pune University	Does model averaging provide a significant improvement over model selection? An investigation under Focused Information Criterion (FIC)
Keynote Speech	12:00 PM-12:30 PM	Prof. Dr. S V Sabnis, IIT Bombay, Mumbai	Bounds for joint probabilities of multi-state systems using preservation of log-concavity.
Keynote Speech	12:30 PM-1:00 PM	Dr. Akanksha Kashikar, Savitribai Phule Pune University	Death Process Approach for Modelling Changes in Marriage Probabilities
Lunch Break	1:00 PM-2:00 PM	---	
Keynote Speech	2:00 PM-2:30 PM	Dr. Manisha Pal, St. Xavier's University, Kolkata	Optimum Mixture Designs in Pharmaceutical Experiments with Relational Constraints
Contributed Sessions	2:30 PM-2:50 PM	Dr. Balaji Srinivasan, George Washington University, USA	The containment profile for hyper-recursive trees.
Contributed Sessions	2:50 PM-3:10 PM	Dr. Megha Jain, NSOMASA, Navi Mumbai	Artificial Intelligence and Stock Market
Contributed Sessions	3:10 PM-3:30 PM	Mr. Rahul R. Tiwari, R.J. College Mumbai	A Conway-Maxwell-Binomial distribution for modelling cluster binary responses
Contributed Sessions	3:30 PM-3:50 PM	Mr. Chaitanya Alshi, Mithibai College, Mumbai	Statistical analysis & Regression modelling for Influencer the state of art
Contributed Sessions	3:50 PM-4:20 PM	Mr. G. Avinash, ICAR-IASRI, New Delhi	Multivariate Time Series Prediction using LSTM Based Stacked Autoencoder.
Poster Presentations	2:30 PM-4:30 PM	Competitors from various University Departments.	
Tea Break	4:30 PM-4:45 PM	---	
Photo Session	5:00 PM-5:30 PM		
Cultural Function	6:30 PM-8:00 PM	---	
Banquet Dinner	8:00 PM-9:30 PM	---	

Venue	Mukesh Patel Auditorium
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	Mukesh Patel Foyer

WEDNESDAY 22/3/2023

Event	TIME	Speakers	Title
Breakfast	8:00 AM-9:00 AM	---	
Plenary Speech	9:00 AM-9:45 AM	Prof. Dr. Nagaraj Neerchal, UMBC, Baltimore, USA	Some Applications of Statistical Modelling of Simultaneously Observed Discrete and Continuous Responses
Invited Speech	9:45 AM-10:15 AM	Dr. Kamal Sen, Cogitaas	Data Analytics for Decision Making: Consumer Goods Industry and Marketing Perspective
Keynote Speech	10:15 AM-10:45 AM	Dr. Vaijayanti Dixit, University of Mumbai	Estimation of parameters of Bivariate Generalized Exponential Distribution with positive probability at instantaneous failure
Tea Break	10:45 AM-11:00 AM	---	
Invited Speech	11:00 AM-11:30 AM	Dr. B. G. Manjunath, University of Hyderabad	Bivariate Pseudo- Poisson Distribution
Invited Speech	11:30 AM-12:00 PM	Dr. Alok Dabade, University of Mumbai	Additive-Multiplicative Gamma Frailty Models
Keynote Speech	12:00 PM-12:30 PM	Dr. Bikramjit Chaudhuri, Datamatics	Back to the Future: "Deep in Digital" through New Age Statistical Practices.
Contributed Sessions	12:30 PM-12:50 PM	Dr. Rashmi M. Pote, University of Mumbai	A pre commit protocol for cash withdrawal from ATM using Smart Mobile Banking Application.
		Mrs. Muhsina A. ICAR-IASRI, New Delhi	2 FI-Optimal Row-Column Designs
Lunch Break	1:00 PM-2:00 PM	---	
Contributed Sessions	2:00 PM-2:20 PM	Mr. Harish Nayak G.H, ICAR-IASRI, New Delhi	A Transformer-Based Deep Learning Approach for Forecasting Rainfall in India
		Mr. Rajesh K Maurya, UPG College, Mumbai	Statistical Algorithms for Geospatial Feature Extraction and Classification from Satellite Data
Contributed Sessions	2:20 PM-2:40 PM	Mr. Tamilselvi C. , ICAR-IASRI, New Delhi	Chaos Based Deep Learning Model for Time Series Prediction
		Mr. Saju Verghese George, St. Xavier's College Mumbai	Bayes' estimators for the parameters of Gumbel's Type I Bivariate exponential distribution with positive probability at instantaneous failure.
Contributed Sessions	2:40 PM-3:00 PM	Mr. Veershetty ICAR-IASRI, New Delhi	Integration of Probability and Non-Probability surveys using Machine Learning Techniques
		Dr. Mahesh S. Naik, MPSTME, Mumbai	Mathematical Modelling of Municipal Solid waste, a case study for Mumbai
Contributed Sessions	3:00 PM-3:20 PM	Ms. Sandhya Dalvie, NSOMASA, Mumbai	Identifying Stress/Depression Levels with Social Media Analysis
		Dr. Swati R. Maurya, S. K. Somaiya, Mumbai	Probabilistic Modeling for High-Dimensional Object Reconstruction in Computer Vision.
Valedictory Ceremony	3:30PM-4:30 PM		
Valedictory High Tea	4:30 PM-5:15 PM	---	

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