



13th International Conference on Big-Data-Analytics in Astronomy, Science and Engineering 2025
(Program Schedule)
15-17 Dec, 2025



DAY-1

Session 1

10:00 - 10:45 IST
13:30 - 14:15 JST

Dr. Rishabh Kaushal, IGDTUW, Delhi and Maastricht University

Role of LLMs in Data Science

10:45 - 11:00 IST
14:15 - 14:30 JST

Tea Break

Session 2

11:00 - 12:00 IST
14:30 - 15:30 JST

INAUGURATION + Distinguished Guest Speech

12:10 - 13:30 IST
15:30 - 17:00 JST

Lunch Break

Session 3

13:30: - 14:15 IST
17:00 - 17:45 JST

Research Paper Presentation - 1 (Paper ID: 12, 64, 77, 103, 142)

14:15 - 15:00 IST
17:45 - 18:30 JST

Prof. Vasudha Bhatnagar and Divya Kwatra, University of Delhi, India

SAFE: Probabilistic Framework to characterize Honest Reviewers

Session 4

15:00 - 15:40 IST
18:30 - 19:10 JST

Research Paper Presentation - 2 (Paper ID: 2, 11, 30, 134, 141)

Prof. Srinath Srinivasa, Sharath Srivatsa, M. Aparna, T.B. Dinesh, IIT Bangalore, India

Safeguarding Plurality: The Digital Preservation of Diverse Worldviews

***IST: Indian Standard Time, JST: Japanese Standard Time**

15 Dec 25
(Mon.)
(India Time
IST)



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DAY-2

16 Dec 25 (Tues.) (India Time IST)	Session 5	
	08:00 - 08:30 IST 11:30 - 12:00 JST	Jakub Muszynski, Ignacy Walużenicz, Patryk Zan, Zofia Wrona, Maria Ganzha, Costin Bădică, and Prof. Marcin Paprzycki, Warsaw University of Technology, Warsaw, Poland (ID: 139)
		A Multi-Agent System for Simulating and Coordinating Energy Microgrids
	09:30 - 10:20 IST 13:00 - 13:50 JST	Dr. Chandni Saxena, The Chinese University of Hong Kong, Hong Kong
		AI- Driven Approaches in Drug Discovery
	10:20 - 11:10 IST 13:50 - 14:40 JST	Prof. Marcin Paprzycki, Systems Research Institute Polish Academy of Sciences, Poland
		A PK/PD-Aware Retrieval-Augmented Drug Interaction Checker for Explainable Clinical Decision Support
	Session 6	
	11:10 - 12:00 IST 14:40 - 15:30 JST	Research Paper Presentation - 3 (Paper ID: 34, 90, 140)
	12:00 - 12:30 IST 15:30 - 16:00 JST	Lunch/Tea Break
Session 7		
	12:30 - 13:30 IST 16:00 - 17:00 JST	Research Paper Presentation - 4 (Paper ID: 23, 79, 143)
		Prof. Paolo Bottoni, Tiziana Castrignanò, Federico Giannelli, Manuel Arcieri, Meryam Carrus, Sapienza University of Rome, Italy
		Auto_WGCNA: A Reproducible R Pipeline from Gene Counts to Hub Gene Identification
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DAY-3

17 Dec 25 (Wed.) (India Time IST)	Session 8	
	06:30 - 07:20 IST 10:00 - 10:50 JST	Prof. Maria Ganzha, Warsaw University of Technology, Poland
		Frugal Artificial Intelligence - 2025 Perspective
	Session 9	
	07:30 - 08:20 IST 11:00 - 11:50 JST	Research Paper Presentation - 5 (Paper ID: 29, 136, 137, 144)
		Prof. Yohei Nishidate, Yuya Kawamura, Takahiro Iwamoto, University of Aizu, Japan
		Geometry-Driven Selectivity in Macrocyclization via Rigid-Body Simulation
		Jianting Xu, Ou Deng, Qun Jin, Waseda University, Japan
		Early Detection of Shock Risk Triggers Using Time-aware Dynamic-Window RAG with LLMs
	Session 10	
	08:30 - 09:20 IST 12:00 - 12:50 JST	Prof. Milind Purohit, University of South Carolina, USA
		Quantum Computing
	09:20 - 09:35 IST 12:50 - 13:05 JST	Valedictory

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