



Mar Athanasius College (Autonomous), Kothamangalam, Kerala, India
International Conference on Methods in Data Science
MIDAS-25



7–9 January 2026

PROGRAMME SCHEDULE

Day 1 — Wednesday, 7 January 2026

Venue(s): Baselios Paulose Indoor Stadium · Students' Centre · MP Varghese Library Seminar Hall · Academic Block

Time	Programme
09:00–09:45	Registration Venue: Indoor Stadium
09:45–10:45	Inauguration Chief Guest: Prof. (Dr.) Avinash Chandra Pandey Director, Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi Presided by: Dr. Winny Varghese Secretary, Mar Athanasius College Association Venue: Indoor Stadium
10:45–11:05	Group Photo Session & Tea Break
11:05–12:00	Guest of Honour Keynote Talk (50 min + 5 min) Speaker: Prof. (Dr.) Avinash Chandra Pandey Director, Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi Topic: Artificial Intelligence and Machine Learning: A Physical and Mathematical Perspective Session Chair: Prof. (Dr.) Mailadil T. Sebastian (Rtd.) CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, India Venue: Indoor Stadium
12:05–13:00	Keynote Talk (50 min + 5 min) Speaker: Dr. Utpal Chakraborty GAHNA AI Lab (ExorionAI), India Topic: Generative and Agentic AI - Redefining Data Science Methods for Autonomous, Trustworthy Intelligence Session Chair: Dr. Joby Antony Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi Venue: Indoor Stadium



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13:00–14:00	Lunch Break Venue: Indoor Stadium
14:00–14:50	Plenary Talk 1 (45 min + 5 min) Speaker: Prof. (Dr.) Gijo E. V. Statistical Quality Control & Operations Research Division, Indian Statistical Institute, Bangalore, India Topic: Digital Transformation in Quality: A Data Science - Enabled Integration of Industry 4.0 Technologies into DMAIC Session Chair: Dr. Uchenna Daniel Ani School of Computer Science and Mathematics, Keele University, United Kingdom Venue: Students' Centre
14:55–15:45	Plenary Talk 2 (45 min + 5 min) Speaker: Dr. Divya Sindhu Lekha Indian Institute of Information Technology, Kottayam, India Topic: Recurrence Networks for the Analysis of Nonlinear Dynamics: Brain to Climate Systems Session Chair: Dr. Norma Alias Department of Mathematical Sciences, Universiti Teknologi Malaysia, Malaysia Venue: Students' Centre
15:45–16:00	Tea Break
16:00–17:30	Contributory Paper Session (4 Parallel Venues) Venues: Students' Centre, MP Varghese Library Seminar Hall, Academic Block (Rooms 153 and 227) Format: [7+3 min]



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Day 2 — Thursday, 8 January 2026

Venue(s): Baselios Paulose Indoor Stadium · Students' Centre · MP Varghese Library Seminar Hall · Academic Block

Time	Programme
09:45–10:35	Plenary Talk 3 (45 min + 5 min) Speaker: Dr. Norma Alias Department of Mathematical Sciences, Universiti Teknologi Malaysia, Malaysia Topic: The Geometric Foundation of Modern Data Science: From Linear Algebra to Topological Inference Session Chair: Prof. (Dr.) Phool Singh School of Engineering & Technology, Central University of Haryana, India Venue: Students' Centre
10:35–11:00	Tea Break
11:00–11:50	Plenary Talk 4 (45 min + 5 min) Speaker: Dr. Uchenna Daniel Ani School of Computer Science and Mathematics, Keele University, United Kingdom Topic: Socio-Technical Data-Driven Science Methods for Cyber-Resilient Organisations: Integrating People, Processes, and Technology Session Chair: Prof. (Dr.) Vinod Kumar PB Muthoot Institute of Technology and Science, Kochi, India Venue: Students' Centre
11:55–12:45	Plenary Talk 5 (45 min + 5 min) Speaker: Dr. Joby Antony Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi Topic: Power of GPUs for Parallel Computing and AI: IUAC–PARAM Rudra Supercomputer and Other GPUs Session Chair: Dr. Norma Alias Department of Mathematical Sciences, Universiti Teknologi Malaysia, Malaysia Venue: Students' Centre



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12:45–13:45	<p>Lunch Break Venue: Indoor Stadium</p>
	<p>Plenary Talk 6 (45 min + 5 min) Speaker: Prof. (Dr.) Phool Singh School of Engineering and Technology, Central University of Haryana, India</p>
13:45–14:35	<p>Topic: Computational Imaging Using Mathematical Transforms Session Chair: Dr. Uchenna Daniel Ani School of Computer Science and Mathematics, Keele University, United Kingdom</p> <p>Venue: Students' Centre</p>
14:40–15:30	<p>Plenary Talk 7 (45 min + 5 min) Speaker: Prof. (Dr.) Vinod Kumar P. B. Muthoot Institute of Technology and Science, Kochi</p> <p>Topic: Dynamic metric spaces and data analysis - Session Chair: Dr. Joby Antony Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi</p> <p>Venue: Students' Centre</p>
15:30–15:45	<p>Tea Break</p>
15:45–17:30	<p>Contributory Paper Session (4 Parallel Venues) Venues: Students' Centre, MP Varghese Library Seminar Hall, Academic Block (Rooms 153 and 227) Format: [7+3 min]</p>



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Day 3 — Friday, 9 January 2026

Venue(s): Baselios Paulose Indoor Stadium · Students' Centre · MP Varghese Library Seminar Hall · Academic Block

Time	Programme
09:45–10:35	Plenary Talk 8 (45 min + 5 min) Speaker: Mr. Benzi Alex Mathew Clinical AI & Analytics Solutions (CAAS), Saama Technologies, USA Topic: How GenAI Agents are assisting Statisticians and Stats Programmers (Data Scientists) accelerate Pharma Clinical Development Session Chair: Prof. (Dr.) Vinod Kumar P.B. Muthoot Institute of Technology and Science, Kochi, India Venue: Students' Centre
10:35–11:00	Tea Break
11:00–11:50	Plenary Talk 9 (45 min + 5 min) Speaker: Dr. Anna V. Nartova Novosibirsk State University, Novosibirsk; Boreskov Institute of Catalysis SB RAS, Russia Topic: Application of Artificial Neural Networks in the Analysis of Microscopy Data Session Chair: Prof. (Dr.) Vinod Kumar P.B. Muthoot Institute of Technology and Science, Kochi, India Venue: Students' Centre
11:55–12.45	Plenary Talk 10 (45 min + 5 min) Speaker: Prof. (Dr.) E. I. Abdul Sathar Department of Statistics, University of Kerala, Thiruvananthapuram, India Topic: Modeling Past Uncertainty in Dependent Systems Using Bivariate Dynamic Inaccuracy Measures Session Chair: Dr. Joby Antony Inter University Accelerator Centre (IUAC), Ministry of Education, Govt. of India, New Delhi Venue: Students' Centre



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12:45–13:45	Lunch Break Venue: Indoor Stadium
13:30–14:30	Contributory Paper Session–3 (2 Parallel Venues) Venues: Students' Centre, Academic Block (Room 153) Format: 7+3 min
14:30–15:30	Panel Discussion: Academia–Industry Collaboration in Data Science & AI Theme: AI in Education and Industry: Methods and Skills Venue: Students' Centre
15:30–16:00	Valedictory Function Certificates Distribution · Closing Remarks Venue: Students' Centre
16:00	Tea