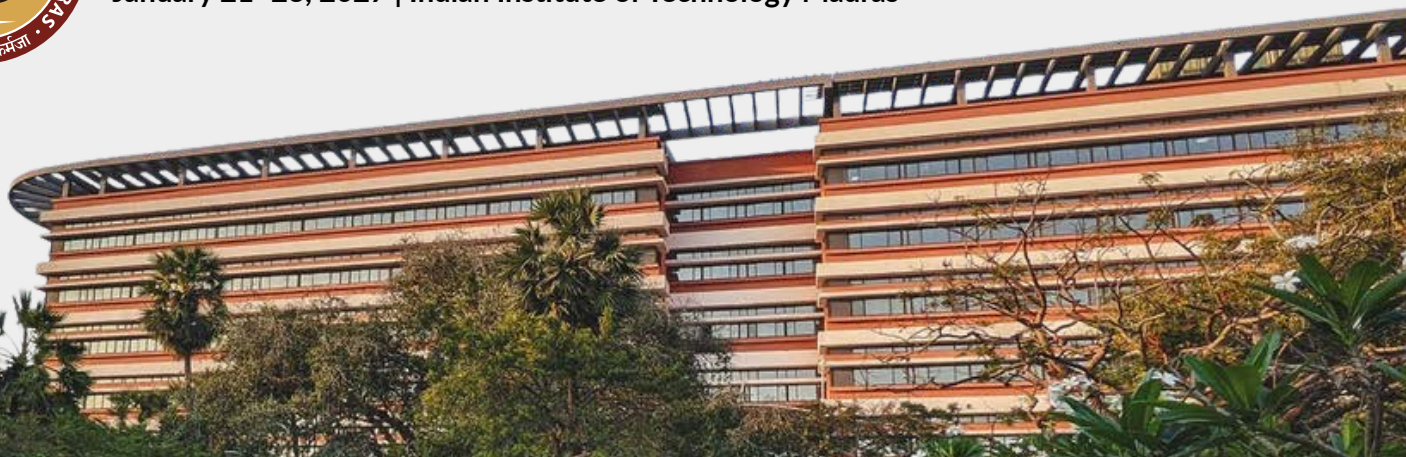


Recent Advances in Partial Differential Equations

January 21–23, 2027 | Indian Institute of Technology Madras



The conference will focus on recent advances in spectral geometry, nonlocal operators, functional inequalities, and homogenization, bringing together researchers working in areas that are closely interconnected through their common interest in understanding the interplay between geometry, analytical structures, and the qualitative behaviour of solutions to differential equations.



Special session

In honour of Professor S. Kesavan

A special session will honour Professor S. Kesavan on his 75th birthday, celebrating his remarkable contributions as a scholar, teacher, and mentor. His foundational work in Functional Analysis, Nonlinear Functional Analysis, and Symmetrization has influenced generations of PDE students in India. We invite you to join us in celebrating his outstanding scientific achievements and lifelong dedication to mathematics.

Speakers

- Saugata Bandyopadhyay — IISER Kolkata, India
- Anup Biswas — IISER Pune, India
- Lorenzo Brasco — University of Ferrara, Italy
- Renata Bunoiu — University of Lorraine, France
- Ujjal Das — NISER Bhubaneswar, India
- Akashdeep Dey — Chennai Mathematical Institute, India
- Sheetal Dharmatti — IISER Thiruvananthapuram, India
- Mouhamed Moustapha Fall — AIMS Senegal, Senegal
- Tuhin Ghosh — Harish-Chandra Research Institute, India
- Harsha Hutridurga — IIT Bombay, India
- Sandeep K — TIFR CAM, Bengaluru, India
- Debabrata Karmakar — TIFR CAM, Bengaluru, India
- Rajesh Mahadevan — Universidad de Concepción, Chile
- Sugata Mondal — University of Reading, UK
- Sabu N — IIST Thiruvananthapuram, India
- A. K. Nandakumaran — IISc Bengaluru, India
- Neela Nataraj — IIT Bombay, India
- Filomena Pacella — Sapienza University of Rome, Italy
- Mythily Ramaswamy — ICTS Bengaluru, India
- R. Shivaji -- UNC Greensboro, USA
- K. Sreenadh — IIT Delhi, India
- T. Muthukumar — IIT Kanpur, India
- Aiyappan Srinivasan — IIT Hyderabad, India
- Sweta Tiwari — IIT Guwahati, India
- Jagmohan Tyagi — IIT Gandhinagar, India
- Tobias Weth — Goethe University Frankfurt, Germany

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