

CNSD
202616th
Edition

7–10 July 2026

IISER
Thiruvananthapuram,
India

Conference on Nonlinear Systems and Dynamics (CNSD) 2026

The Indian Institute of Science Education & Research, Thiruvananthapuram (IISERTVM) is proud to host the 16th edition of biannual conference series "Conference on Nonlinear systems and dynamics (CNSD2026)". It aims to foster collaboration among researchers and professionals working in the interdisciplinary field of nonlinear dynamics and complex systems. Over the years, it has served as a vibrant platform for sharing cutting-edge research and exploring innovative applications across a wide range of scientific domains. CNSD2026 also looks to highlight the emerging areas at the intersection of dynamics, data-science, and machine learning.

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(Director, IISER TVM)

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(Associate Professor)

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*Minisymposia on selected topics will also be organized

Topics Covered

- Dynamics of Conservative Systems, Hamiltonian Chaos, and Quantum Chaos
- Nonlinear Phenomena in Engineering, Medical, and Biological Sciences
- Mathematical and Computational Approaches to Nonlinear Dynamics
- Turbulence, Fractal Analysis, and Spatiotemporal Pattern Formation
- Machine Learning and Artificial Intelligence in Nonlinear Dynamics
- Data-driven Modelling and other relevant contemporary topics
- Climate Networks, Critical transitions and Extreme Events
- Nonlinear Optics, Nonlinear Circuits, Control of Chaos
- Bifurcation Theory and Classical Deterministic Chaos
- Complex Networks and Self-Organized Criticality
- Nonlinearity in MHD, Plasma, and Astrophysics
- Time Series Analysis, Recurrence Measures
- Integrable Systems and Solitons
- Synchronization and Chimera

Registration fees*

Indian Students: ₹5900/-
Foreign Students: €250/-
Indian Faculty/Postdoc: ₹9500/-
Foreign Faculty/Postdoc: €350/-

(*inclusive of 18% GST)

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Invited Speakers

Lakshmanan Muthusamy, BDU, Tamil Nadu
Ram Ramaswamy, IISER Berhampur
Soumitro Banerjee, IISER Kolkata
Somdatta Sinha, IISER Mohali
Prasanta K. Panigrahi, IISER Kolkata
Avinash Khare, SPPU, Pune
Sudhir Jain, BARC, Mumbai
S. Lakshmi Bala, IIT Madras
Sudeshna Sinha, IISER Mohali
Syamal Dana, IIT Madras
K. Murali, Anna Univ., TN
Arul Lakshminarayan, IIT Madras
Mahendra K. Verma, IIT Kanpur
Punit Parmananda, IIT Bombay
M. S. Santhanam, IISER Pune
Sitabra Sinha, IMSc, Chennai
Manish Shrimali, CURaj, Rajasthan
Muruganandam Paulsamy, BDU, TN
Senthilvelan Murugaian, BDU, TN
Govind Krishnaswami, CMI, Chennai
Kanna T, Bishop Heber Coll., Trichy
Shamik Gupta, TIFR, Mumbai
Tanmoy Banerjee, Univ. Burdwan

Prashant Gade, RTMNU, Nagpur
Supratim Sengupta, IISER Kolkata
Sayan Gupta, IIT Madras
Sarika Jalan, IIT Indore
Rumi De, IISER Kolkata
Sagar Chakraborty, IIT Kanpur
Dibakar Ghosh, ISI, Kolkata
Pragya Shukla, IIT Kharagpur
Ravi Pant, IISER TVM
Pinaki Pal, NIT Durgapur
Chandrasekar V. K., SASTRA Univ., TN
Pushpita Ghosh, IISER TVM
Vasanth J. Raja, SASTRA Univ., TN
Nithyanandan K., IIT Hyderabad
Chittaranjan Hens, IIIT Hyderabad
Bedartha Goswami, IISER Pune
Sangeeta Ujjwal, BHU, Varanasi
Chandrakala Meena, IISER Pune
Partha S. Dutta, IIT Rorap
Vimal Kishore, BHU, Varanasi
Anandamohan Ghosh, IISER Kolkata
Vishnu S, IISER TVM
Solingur Zimik, IISER TVM

Jürgen Kurths, PIK, Germany
Stefano Boccaletti, CNR-ISC, Italy
Eckehard Schöll, TU Berlin, Germany
Rajarshi Roy, Univ. Maryland, USA
Theo Geisel, MPI DS, Germany
Peter Ashwin, Univ. Exeter, UK
Antonio Palacios, SDSU, USA
Michael Small, Univ. Western Australia
Hilda A. Cerdeira, UNESP, Brazil
Mark Edelman, Yeshiva Univ., USA
Edson Denis Leonel, UNESP, Brazil
Ulrike Feudel, Univ. Oldenburg, Germany
Aneta Koseska, MPI-NB, Germany
Miguel AF Sanjuán, URJC, Spain
Boris Malomed, Tel Aviv Univ., Israel
Sandip George, Univ. Aberdeen, UK
Aasifa Rounak, Univ. College Dublin, Ireland

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