One day Workshop on
Recent Trends in Nonlinear Dynamics

13th July, 2018

Indian Institute of Science Education and Research
Thiruvananthapuram

A one day workshop on the "Recent Trends in Nonlinear Dynamics" will be organized by the School of Physics at Indian Institute of Science Education and Research, Thiruvananthapuram to provide an opportunity to the students in and around Thiruvananthapuram to explore the highly interdisciplinary field of nonlinear dynamics. The workshop is also aimed at providing a platform for interaction of the students with eminent personalities working in different areas of nonlinear dynamics.

It is planned to accommodate around 50 students from the academic and research institutes in and around Thiruvananthapuram and so early birds will be given preference for their participation.

Communications for registration should be sent to Dr. D. V. Senthilkumar (skumar@iisertvm.ac.in), Convener, School of Physics, Indian Institute of Science Education and Research, Thiruvananthapuram.

There will be no registration fees for participation. Transport will be arrange to and fro between Thampanoor and IISER-TVM, Vithura. Further informations will be sent to the registered participants.

List of Speakers :

1. **Prof. M. Lakshmanan**, D. Sc (h.c.), FNA, FTWAS, Prof. of Eminence & DST-SERB Distinguished Fellow, Bharathidasan University
2. **Prof. Sudeshna Sinha**, FASc, FNA, FTWAS, JC Bose National Fellow, IISER, Mohli
3. **Prof. S. Murugesh**, IIST, Thiruvananthapuram
4. **Dr. V. K. Chandrasekar**, CeNSE, SASTRA Deemed University

Broad Topics to be Discussed :

* Symmetries and Integrable Systems
* Chaos Synchronization and its Applications
* Nonlinear Electronic Circuits and Chaos Computing
* Nonlinear Dynamics of Spin Systems
* Collective Dynamical States in Coupled Nonlinear Systems

Important Dates :

Registration begins : 05/07/2018
Closing of registration : 13/07/2018
Workshop : 13 July, 2018

Venue :

Physical Sciences Block
IISER-TVM
Vithura, Thiruvananthapuram

IISER
THIRUVANANTHAPURAM

Organized by School of Physics, IISER-TVM
http://www.iisertvm.ac.in