

# Workshop on Basic Aspects of Nonlinear Dynamics and its Applications

3 - 5 April, 2017

Indian Institute of Science Education and Research  
Thiruvananthapuram

A three days workshop on some of the basic aspects of nonlinear dynamics and its applications is planned to be organized at Indian Institute of Science Education and Research, Vithura, Thiruvananthapuram to provide an opportunity to the students in 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.

The number of participants are limited to 30 students (BS-MS/IPhD/PhD) from the academic and research institutes in and around Thiruvananthapuram and so early birds will be given preference for their participation. Students should take care of their accommodation by themselves. There will be no registration fees for the participants.

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

## List of Speakers :

1. Prof. M. Lakshmanan, Bharathidasan University
2. Prof. Neelima Gupte, IIT-M
3. Prof. G. Ambika, IISER-Pune
4. Prof. K. Murali, Anna University
5. Prof. S. Muruges, IIST
6. Dr. V. K. Chandrasekar, SASTRA University

## Broad topics to be discussed :

- \* Integrable Systems and Solitons
- \* Chaos Synchronization and its Applications
- \* Fractals and Time Series Analysis
- \* Nonlinear Electronic Circuits and Chaos Computing
- \* Nonlinear Dynamics of Spin Systems
- \* Collective Dynamical States in Coupled Nonlinear Systems

## Important Dates :

Registration begins : 01/03/2017  
Closing of registration : 20/03/2017  
Intimation to the confirmed participants : 21/03/2017  
Workshop : April 3 – 5, 2017

## Venue :

Chemical Sciences Block  
IISER-TVM  
Vithura, Thiruvananthapuram



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