

ADVANCED INSTRUCTIONAL SCHOOL IN STOCHASTIC PROCESSES 2018



**25th June -
21st July 2018**

AIMS & OBJECTIVES

The aim of the school is to provide a comprehensive training to students in a Master's/PhD programme on probability and stochastic processes.

The prerequisite for this school are a course on real analysis and a basic course in probability.

We propose to run three courses in parallel:

- ▶ Analysis
- ▶ Measure-theoretic probability
- ▶ Introductory course on Stochastic Processes

There will be 36 hours of lectures and tutorials per topic over a 4-week period. In addition, we plan to invite active researchers over two weekends for introductory lectures on current research topics and interaction with students.

ELIGIBILITY

- ▶ Students of Master/Ph.D. in Mathematics, Physics, Statistics, Computer Science and Electrical Engineering;
- ▶ B.Tech./M.Tech. (CS & EE) and M.Phil (Physics, Mathematics, Statistics)

FACILITIES

Travel, local conveniences and course materials.

It is mandatory to attend all lectures and stay for all the four weeks !

SPEAKERS & TUTORS

Anish Sarkar, ISI, Delhi
Antar Bandyopadhyay, ISI, Delhi
Arijit Chakrabarty, ISI, Kolkata
Krishanu Maulik, ISI, Kolkata
Nabin Kumar Jana, NISER, Bhubaneswar
Parthanil Roy, ISI, Bengaluru
Rahul Roy, ISI, Delhi
Rajat Subhra Hazra, ISI, Kolkata

ORGANISERS

Nabin Kumar Jana, NISER, Bhubaneswar
Rahul Roy, ISI, Delhi

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APPLICATION

Application can be made online through either of the websites given below on/before **01st May 2018**.

- 1 www.atmschools.org/2018/ais/sp
- 2 web-japps.ias.ac.in:8080/faststf2018/summerprogram.html



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Venue:

National Institute of Science Education and Research Bhubaneswar,
Jatni, Khurda, Odisha-752050



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