



## INDO-FRENCH CENTRE FOR APPLIED MATHEMATICS (IFCAM)

# SUMMER SCHOOL

July 16-30, 2018

Indian Institute of Science, Bangalore, India

The Indo-French Centre for Applied Mathematics (IFCAM) has been jointly set up by the Indian and French Governments at the Indian Institute of Science, Bangalore as an international joint research unit. IFCAM is designed as a platform for cooperation in mathematical sciences with the primary focus being the area of applied mathematics.

As part of its activities, IFCAM is organizing a Summer School on Mathematical and Computational Biology. This summer school will have four modules: Computational Neuroscience; Network and Systems Biology; Physiological Modeling; Population Dynamics. A more detailed list of topics to be covered can be found on the website: [http://math.iisc.ac.in/~ifcam/Summer\\_School2018.htm](http://math.iisc.ac.in/~ifcam/Summer_School2018.htm). PhD scholars, Masters and senior BS-MS/BE/BTech students are eligible to apply.

### OVERVIEW

**Nagasuma Chandra,**  
Indian Institute of Science

### COMPUTATIONAL NEUROSCIENCE

**S. P. Arun,**  
Indian Institute of Science

**Sridharan Devarajan,**  
Indian Institute of Science

**Aditya Murthy,**  
Indian Institute of Science

**Rishikesh Narayanan,**  
Indian Institute of Science

**Supratim Ray,**  
Indian Institute of Science

### NETWORK AND SYSTEMS BIOLOGY

**Anirban Banerjee,** IISER Kolkata

**Chetan Gadgil,** NCL Pune

**Debnath Pal,**  
Indian Institute of Science

**Karthik Raman,** IIT Madras

**Soumen Roy,** Bose Institute  
Kolkata

**Ram Rup Sarkar,** NCL Pune

**Sitabhra Sinha,** IMSc Chennai

### PHYSIOLOGICAL MODELING

**Pranay Goel,** IISER Pune

**Sanjay Jain,** Delhi University

**T. Shajahan,** NITK Surathkal

### POPULATION DYNAMICS

**Malay Banerjee,** IIT Kanpur

**Sandip Banerjee,** IIT Roorkee

**Siddhartha P. Chakrabarty,**  
IIT Guwahati

**Partha Sharathi Dutta,**  
IIT Ropar

**Vishwesh Guttal,**  
Indian Institute of Science

### APPLICATION PROCEDURE:

Apply online using the website

<http://appzone.co.in/ifcam/rfp/>

**APPLICATION DEADLINE: June 8, 2018**

### CONTACT INFORMATION:

Indo-French Centre for Applied Mathematics  
Department of Mathematics  
Indian Institute of Science, Bangalore 560 012  
Tel: 080-2293 3217  
Email: [ifcam.imi@iisc.ac.in](mailto:ifcam.imi@iisc.ac.in)