

# Workshop and Symposium on Mathematical Physiology, IISER Pune, January 15-23

The tutorial Workshop will be held at Raman Hall and the Computer Lab, Sai Trinity Building (currently the transient IISER Pune campus) from Jan 15-21. Please see Table 1 for the schedule.

The Symposium will be held at the new IISER Pune campus, 1st floor Hall, Building HR4, on Jan 22-23. The symposium schedule will be announced later.

Date	Morning	Afternoon
15th	Introduction to mathematical physiology <i>Somdatta Sinha, CCMB</i>	Methods of time series analysis <i>MS Santhanam, IISER Pune</i>
16th	Introduction to ODE modeling and bifurcation analysis with XPPAUT <i>P Goel, IISER Pune</i>	Modeling with PDEs and Introduction to COMSOL <i>Vineet Dravid, COMSOL India</i>
17th	Metabolism <i>K V Venkatesh, IIT Bombay</i>	Metabolism <i>K V Venkatesh, IIT Bombay</i>
18th	The GHK equation and the Hodgkin-Huxley model for resting and active membranes <i>Rohit Manchanda, IIT Bombay</i>	Models of bursting, and islet modeling <i>P Goel, IISER Pune</i> <i>Somdatta Sinha, CCMB</i>
19th	Calcium models <i>James Sneyd, University of Auckland</i>	Calcium, Smooth Muscle, and Water Transport <i>James Sneyd, University of Auckland</i>
20th	Chronobiology <i>Vijay Kumar Sharma, JNCASR</i>	Visual Psychophysics <i>Arun Sripathi, IISc</i>
21st	Cardiac models <i>Sitabhra Sinha, IIMSc</i>	Cardiac models <i>Rahul Pandit, IISc</i>

Table 1: Schedule for the Workshop, Jan 15-21