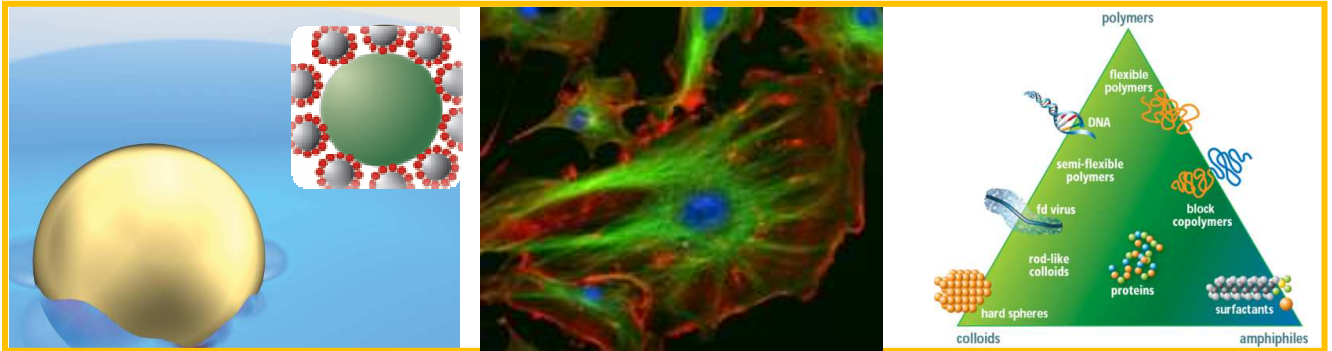




Department of Physics
Savitribai Phule Pune University

One day Workshop on

Driven Soft Matter and Biological Systems



Driven state of matter - living and non-living, constitute an integral part of our daily life. The aim of this one day workshop is to present developments in experimental techniques in probing these systems and modeling approaches for enhancing our understanding of phenomenon ranging from self assembly to driven cellular processes. Leading researchers working in this field will be sharing their experimental insight and theoretical modeling approaches that together provide an integrated and deeper understanding of such driven systems.

List of the speakers:

1. Deepak Dhar (TIFR, Mumbai)
2. Guruswamy Kumaraswamy (NCL, Pune)
3. Apratim Chatterji (IISER, Pune)
4. Mithun Mitra (IIT, Mumbai)
5. Abhishek Chaudhuri (IISER, Mohali)

Venue: Raman Auditorium, Dept of Physics, SP Pune University

Wednesday, 18 March 2015

Time: 9.30 AM to 6.00 PM

ALL ARE INVITED

Workshop Schedule

Wednesday 18 March 2015

| Time | Schedule |
|----------------|--------------------------------------------------------------------------------|
| 9.30 to 10.15 | Registration (free) and Breakfast |
| 10.15-10.30 | Welcome address (by HOD) |
| 10.30 to 11.20 | Nano-structure Formation by Self assembly (Apratim Chatterji) |
| 11.30 to 12.20 | Elastic Colloidal assemblies from Ice-Templating (Guruswamy Kumaraswamy) |
| | Break |
| 2.20 to 3.10 | Fragmentation of a Sheet by Propagating and Merging Cracks (Deepak Dhar) |
| 3.20 to 4.10 | Driven and Delay in Epigenetic Landscape (Mithun Mitra) |
| 4.20 to 4.40 | Tea Break |
| 4.40 to 5.30 | Forced Desorption of an Active Polymer (Abhishek Chaudhuri) |
| 5.30 to 5.40 | Concluding remarks |

Coordinators

Sudipto Muhuri & Arun Banpurkar
(sudipto@physics.unipune.ac.in; agb@physics.unipune.ac.in)
(020 25692678 ext, 316, 303)
Dept. of Physics, SPPU