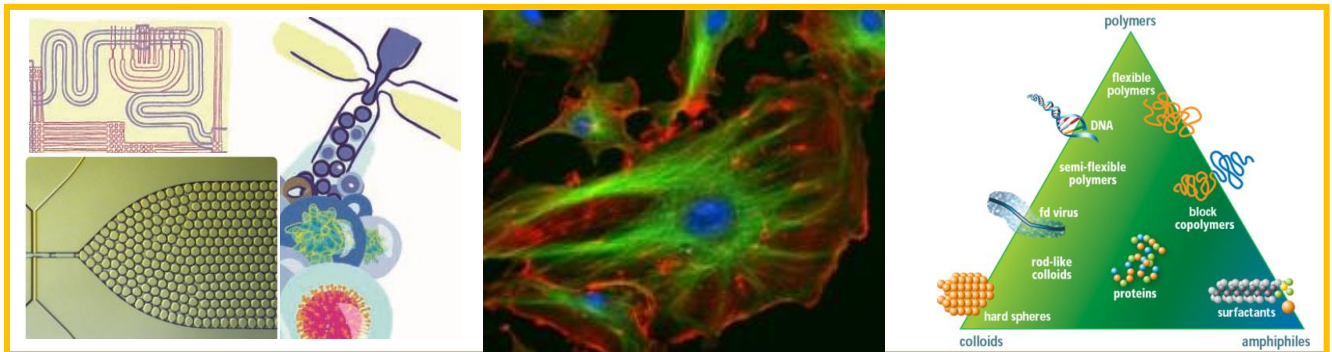




Department of Physics
Savitribai Phule Pune University

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. Suman Chakraborty (IIT, Kharagpur)
2. Gautam Menon (IMSc, Chennai)
3. Raghunath Chelakkot (IIT, Mumbai)
4. Shivprasad Patil (IISER, Pune)
5. Aurnab Ghose (IISER, Pune)

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

Saturday, 11 March 2017

Time: 9.30 AM to 5.30 PM

ALL ARE INVITED

Workshop Schedule

Saturday, 11 March 2017

Time	Schedule
9.30 to 10.00	Registration
10.00-10.10	Welcome address (by HOD)
10.10 to 11.00	Electrically modulated manipulation of droplets: Some perspectives and beyond (Suman Chakraborty)
11.10 to 12.00	Internal friction in Single molecules (Shivprasad Patil)
	Break
1.30 to 2.20	Cellular Mechanics of Neurons: Biologist's discovery of the inescapability of Biophysics ! (Aurnab Ghose)
2.30 to 3.20	Two problems in physical biology (Gautam Menon)
3.30 to 4.00	Tea break
4.00 to 4.50	On the growth and forms of shoots (Raghunath Chelakkot)
5.00	Concluding remarks

Chairperson: Prof. Anjali Kshirsagar, Head dept of Physics, SPPU

Conveners: Sudipto Muhuri, Arun Banpurkar and Arnab Saha
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