

**Cosmological HD & MHD simulations and data analysis techniques:
solving challenges in Astronomy and Astrophysics**

Schedule (5th February, 2018)

09:30 am. : Sharanya Sur Title: Astrophysical turbulence and magnetic fields

10:30 am. : Tea break

11:00 am. : Surajit Paul Title: Cosmological simulations and related data analysis

12:00 pm. : Biswajit Pandey Title: N-Body & Hydrodynamic Simulations

01:00 pm. : Lunch break

02:00 pm. : Hands-on session on ENZO codes and yt data analysis
(Co-ordinated by Surajit Paul, Reju Sam John & Prateek Gupta)

04:30 pm. : Tea break

05:00 pm. : Hands-on session on GADGET code and related data analysis
(Co-ordinated by Sandeep Kumar Kataria & Prakash Sarkar)

06:30 pm. : Closing

Surajit Paul (SP Pune University) & **Sharanya Sur** (IIA, Bangalore)