



Dr. Surajit Paul, *Faculty*

University of Pune

HOME : <http://www.iucaa.ernet.in/~surajit/>

TALK : [*Numerical simulations as a tool to unravel the formation of Large Scale structures in the Universe*](#)

I am interested in the study of formation of Galaxy-groups, Galaxy clusters, filaments and evolution of shocks, turbulent features in Large Scale Structures in the universe through cosmological simulations and multi-wavelength observations. I also work on the study of galaxy cluster mergers and its effect on evolution of ICM energy and its connection to the Dark Energy.

I am presently working as DST INSPIRE faculty at the Department of Physics University of Pune. Previously worked at IUCAA during 2009-2013 as Post Doctoral Fellow and later as DST Young Scientist Fellow. I had received my PhD degree from the University of Wuerzburg, Germany in 2010 under International Graduate School of Deutsche Forschungsgemeinschaft (DFG: GRK-147). My PhD Advisor was Prof. Dr. Karl Mannheim.