

ICTS Postdoc/Graduate Student Seminar Series

- Title : Climate Informatics: understanding Climate Science through the prism of Data Science
- Speaker : Adway Mitra, ICTS-TIFR, Bangalore
- Date : Friday, September 23, 2016
- Time : 11:15 am
- Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore
- Abstract : Modelling and simulation of weather and climate on short and long-term basis are important for policy-making as well as understanding the science behind them. But climatological phenomena such as annual, seasonal and spatial variation of rainfall, are highly complex and difficult to explain and model. They depend on a large number of other meteorological variables, at different locations and times. The physics of such complex dependencies is often not clear to researchers. However, the current availability of data in huge volume, and recent improvements of Data Science that can model and analyse such data, has raised new possibilities of gaining new insights and modelling capabilities, giving rise to a research field called Climate Informatics. In this talk, I will discuss several problems where Computer Scientists and Climate Scientists have been collaborating recently to gain new breakthroughs.

Note: This will be an ongoing biweekly seminar series (Fridays, 11:15 am) by the ICTS postdocs and graduate students