

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **ICTS Monsoon Seminar**

Title : Climate sensitivity of Himalayan glaciers, rivers, and landscape

- Speaker : Argha Banerjee (Earth and Climate Science, Indian Institute of Science Education and Research, Pune)
- Date : Tuesday, 8<sup>th</sup> December 2020
- Time : 03:30 pm (IST)
- Abstract : Various earth-system components in the Himalaya are changing in response to global warming. To understand these changes, the corresponding climate sensitivities need to be quantified. We discuss some of our findings related to the climate response of Himalayan glaciers, rivers, and landscape to changing temperature and/or precipitation. Our results confirm that irrespective of the complexity of the model used, capturing the climate sensitivity and response time is critical for predicting the future changes in the Himalaya under any given climate scenario.
- Online : Please click on the below link to join the seminar Seminar <u>https://zoom.us/j/91556282739?pwd=bks3WGNXaFp3REw5T01wTmM4OW1</u>XUT09

Meeting ID: 915 5628 2739 Passcode: 881292