

# *TCGCA - ER4 2015*

## *Topical Conference on Gravity, Cosmology, Astronomy and Astrophysics - Eastern Region*

**19<sup>th</sup> September 2015, IISER Kolkata, Mohanpur 741 246**

**Venue:** G05, Lecture Hall Complex

### **Programme:**

Time	Event/Speaker	Title
<b>9:00 - 9:45</b>	<b>Registration</b>	
10:00 - 10:15	Inauguration	Inauguration
10:15 - 11:00	Dr. Koushik Dutta	Inflationary Predictions and Moduli Masses
<b>11:00 - 11:30</b>	<b>Tea Break</b>	
11:30 - 12:15	Dr. Ujjaini Alam	Dark Energy: Theories and Observations
12:15 - 13:00	Prof. Soumitro Sengupta	The Role of Gravity in Physics Beyond Standard Model
<b>13:00 - 14:15</b>	<b>Lunch Break</b>	
14:15 - 14:30	Mr. Kaustav Mitra	Halo Occupation Distribution of Quasars
14:30 - 14:45	Mr. Dhruva Dutta Chowdhury	Estimating the Sunyaev-Zel'dovich Signal from Quasar Hosts using a Halo Occupation Distribution based approach
14:45 - 15:00	Mr. Gopal Sardar	Violation of the Kubo-Martin-Schwinger condition along a Rindler trajectory in polymer quantization
<b>15:00 - 15:30</b>	<b>Tea Break</b>	
15:30 - 15:45	Mr. Somnath Dutta	The Young Cluster NGC 2282 : A multi-wavelength Perspective
15:45 - 17:00	Discussion	Open discussion and concluding session