



ICTS

INTERNATIONAL  
CENTRE *for*  
THEORETICAL  
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **Skype: ICTS-Infosys String Theory Lectures**

Title : Gravity in lower dimensions

Speaker : Daniel Grumiller, TU Wien (Vienna University of Technology), Austria

Date : 21, 22 & 23 August 2017

Time : 11:30 AM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : Gravity in two and three dimensions provides toy models that permit addressing aspects of black hole physics, quantum gravity and holography. In my lectures I review basic features of these models and provide an overview of recent developments, for instance on AdS<sub>2</sub> holography in the light of the SYK model and on near horizon holography and its relation to soft hair.