

**Session Program**

**28-30 Jan 2015**

**Saha Theory Workshop: Cosmology at the  
Interface**

***Dark Energy-II***

# Thursday 29 January

15:45

## Dark Energy-II

**Session** | **Location:** SINP Auditorium, Lecture Hall-2 | **Convener:** Prof. Debashis Majumdar

15:45–16:00 **Current Cosmic Acceleration with Slotheon**

**Speaker**

Dr Amna Ali

16:00–16:15 **Gravitational Lensing Bound on The Transition Redshift**

**Speaker**

Ms Nisha Rani

16:15–16:30

**Geometry of the universe described by wet dark fluid in  $f(R, T)$  theory of gravity**

**Speaker**

Dr Gauranga Charan Samanta

16:30–16:45

**Pressure anisotropy and dark energy models in scale invariant theory of gravitation**

**Speaker**

Dr Bivudutta Mishra

16:45–17:00

**High- $z$  Supernova Type Ia Data: non-Gaussianity and Direction Dependence**

**Speaker**

Mr Meghendra Singh Mr.

17:00–17:15 **Effect of phantom dark energy on Gravitational Lensing**

**Speaker**

Dr Kabita Sarkar

17:15