

**Session Program**

**5-9 Dec 2022**

**The Dark Side of the Universe DSU2022**

***Gravity - Dark Energy***

# Thursday 8 December

14:00

## Gravity - Dark Energy

Session | Location: Old Main Building, 149 | Convener: Shinji Mukohyama

14:00-14:20    **Fixing cosmological constant on the event horizon**

**Speaker**  
Prof. Merab Gogberashvili

14:20-14:40    **Probing interacting Dark Energy models and scattering of baryons with Dark Matter in the light of 21cm signal**

**Speaker**  
upala mukherjee

14:40-15:00    **Hunting Dark Energy on astrophysical scales**

**Speaker**  
Leonardo Giani

15:00-15:20    **Holography for extended theories of gravity**

**Speaker**  
Masoud Ghezelbash

15:20-15:40    **Matter Bounce Scenario in Extended Symmetric Teleparallel Gravity**

**Speaker**  
Mr Amarkumar Agrawal

15:40