

Session Program

7-9 May 2018



Phenomenology 2018 Symposium

Cosmology II

University of Pittsburgh
Pittsburgh, PA 15260

Tuesday 8 May

16:30

Cosmology II

Session | Location: Benedum Hall, G-31

16:30–16:45 Variation of α from a Dark Matter Force

Speaker
Dr Hooman Davoudiasl

16:45–17:00 Heavy-Lifting of Gauge Theories by Cosmic Inflation

Speaker
Soubhik Kumar

17:00–17:15 The Higgs Boson can delay Reheating

Speaker
Dr Patrick Stengel

17:15–17:30 The Inflaton portal to PeV-EeV dark matter

Speaker
Dr Lucien Heurtier

17:30–17:45 21cm Limits on Decaying Dark Matter and Primordial Black Holes

Speaker
Steven Clark

17:45–18:00
Implications of an Improved Neutron-Antineutron Oscillation Search for Baryogenesis

Speaker
Zhengkang Zhang

18:00–18:15
Sub-MeV Dark Matter Interactions with Electrons: Cosmological Constraints and Detection Prospects

Speaker
Benjamin Lehmann

18:15–18:30
Statistical Properties of Helical Magnetic Fields and their Cosmological Application

Speaker
Sayan Mandal

18:30