

# Theoretical Physics Seminars

## **Flavour structure from $SO(10) \times U(1)$ gauge theory in 6D**

**Speaker:** Dr. Ketan Patel

**From:** IISER Mohali

**When:** July 7, 2017 Friday 11:30 am

**Place:** Room No. 469

I will briefly discuss an origin of quark-lepton multiplicities from the flux of an anomalous  $U(1)$  with  $SO(10)$  gauge theory in six dimensions. I will then describe how a realistic flavor phenomenology can be obtained in the framework.

**All are welcome**