

Session Program

13-15 Mar 2025

**Journeys in Particle Physics - Rohini Godbole
Memorial Conference**

Scientific Talk

Indian Institute of Science, Bengaluru, India, Physical Sciences Auditorium

Friday 14 March

09:00

Scientific Talk: Session 5 (Session Chair: Tribeni Mishra)

Session | **Location:** Indian Institute of Science, Bengaluru, India, Physical Sciences Auditorium

09:00–09:20 **Journeys in Higgs Characterization - Kirtimaan A. Mohan**

09:20–09:40 **From top-polarization to Entanglement in $H \rightarrow ZZ^*$ - Ritesh Singh**

09:40–10:00 **On the trail of unitarity - Verónica Errasti Díez**

10:00–10:20 **Sunil Mukhi**

10:20

10:50

Scientific Talk: Session 6 (Session Chair : Prof. Swagata Mukherjee)

Session | **Location:** Indian Institute of Science, Bengaluru, India, Physical Sciences Auditorium

10:50–11:10 **Aspects of CP Violation - Milada Margarete Mühlleitner**

11:10–11:30 **Extended Higgs Sector in Few of the BSM Models - Manimala Mitra**

11:30–11:50

Upgrade of the CMS Endcap calorimeter and its impact on physics - Shilpi Jain

11:50–12:10 **BSM Physics at FCC-ee - Giacomo Polesello**

12:10–12:30

Probing physics beyond the Standard Model at neutrino oscillation experiments - Poonam Mehta

12:30

14:20

Scientific Talk: Session 7 (Session Chair : Camellia Bose)

Session | **Location:** Indian Institute of Science, Bengaluru, India, Physical Sciences Auditorium

14:20–14:40 **Shedding Light on Dark Matter at Colliders - Juhi Dutta**

14:40–15:00 **My Associations with Rohini M. Godbole - Dilip Kumar Ghosh**

15:00–15:20

Probing the gluon Sivers function through single-spin asymmetries.- Abhiram Kaushik

15:20–15:40 **How does Gender manifest in Science? - Vandana Nanal**

15:40