

# **IPTA2019@Pune**

**Monday 10 June 2019 - Friday 21 June 2019**

**Pune**

## **Scientific Programme 01**

**Preliminary program for the science week: June 17 - 21, 2019**

Science week will have one panel discussion session every day on topics relevant to PTA science apart from sessions on different aspects of PTA and non-PTA pulsar science. A brief list of sessions including both invited and contributory talks is provided below.

Session 1 : Overview of IPTA and Status of individual PTAs

Session 2 : Diversity and Inclusion session (Discussion Session)

Session 3 : Updates from IPTA working groups

Session 4 : GW Sources for PTAs

Session 5 : General techniques and PTA applications

Session 6 : Emerging PTAs with established PTAs (Discussion Session)

Session 7 : Noise in PTAs

Session 8 : Current and Future Facilities

Session 9 : Gravitational Wave Astrophysics

Session 10: Definition of detection and confirmation (Discussion Session)

Session 11: non-PTA GW detections

Session 12: IPTA Science Roadmap and restructuring (Discussion Session)

Session 13: non-PTA Pulsar Science

Session 14: Pulsar Surveys

Session 15: IPTA restructuring (Discussion Session)