

DPF - PHENO 2024

Wednesday 15 May 2024

Gravity & Gravitational Waves: GW and Particle Cosmology - David Lawrence Hall 105 (14:00 - 15:30)

-Conveners: Navin McGinnis

| time | [id] title | presenter |
|-------|--|------------------------|
| 14:00 | [406] Can QCD-energy-scale-turbulence sourced gravitational waves detected through PTAs? | KAHNIASHVILI, Tina |
| 14:15 | [721] Did we hear the sound of the Universe boiling? Analysis using the full fluid velocity profiles and NANOGrav 15-year data | HAJKARIM, Fazlollah |
| 14:30 | [346] Probing flavor violation and baryogenesis via primordial gravitational waves | AHMED BORBORUAH, Zafri |
| 14:45 | [433] Minimal Production of Prompt Gravitational Waves during Reheating | KE, Wenqi |
| 15:00 | [551] Crescendo Beyond the Horizon: More Gravitational Waves from Domain Walls Bounded by Inflated Cosmic Strings | BAO, Yunjia |
| 15:15 | [344] Inflationary Gravitational Wave Spectral Shapes as test for low-scale leptogenesis | Ms MALHOTRA, Lekhika |

Gravity & Gravitational Waves: Gravity and GW Phenomenology - David Lawrence Hall 105 (16:00 - 17:30)

-Conveners: Tinatin Kakhniashvili

| time | [id] title | presenter |
|-------|---|------------------|
| 16:00 | [418] Composite topological structures in SO(10) | TIWARI, Amit |
| 16:15 | [731] Constructing and Investigating Modified Black Hole Models With Quantum Corrections | BERGLUND, Källan |
| 16:30 | [455] The Gravitational Sunyaev-Zeldovich Effect as a Probe of Primordial Black Holes as Dark Matter Candidates | HOWARD, Marcell |
| 16:45 | [646] Quasiclassical solutions for static quantum black holes | DIAZ, Manuel |
| 17:00 | [689] Novel effects of non-standard cosmology on Gravitational waves | RAI, Mudit |
| 17:15 | [752] Complementarity of Gravitational Waves with Neutrino Mass scale | WU, Arthur |