

Session Program

Feb 12 - 16, 2024

Bottom-Up Cross-Cutting Workshop “JENAS Initiative: Gravitational Wave Probes of Fundamental Physics”

WG4: GWs & Cosmology

Sapienza University of Rome, Physics Department - Aula Amaldi (Marconi Building)
Piazzale Aldo Moro, 5 · 06 49911 Rome (Italy)

Wed, February 14

2:00 PM

WG4: GWs & Cosmology: Overview and contributed talks

Session |

Location: Sapienza University of Rome, Physics Department - Aula Amaldi (Marconi Building), Piazzale Aldo Moro, 5 ·

Conveners: Simone Mastrogiovanni, Carlo Tasillo

2:00 - 2:30 PM

Overview by Conveners

Speakers

Carlo Tasillo, Simone Mastrogiovanni

2:30 - 2:55 PM

Timing the cosmic expansion with populations of gravitational waves dark sirens

Speaker

Simone Mastrogiovanni

2:55 - 3:20 PM

A Global Network of Cavities to Search for Gravitational Waves (GravNet): A novel scheme to hunt gravitational waves signatures from the early universe

Speaker

Kristof Schmieden

3:20 PM

3:20 PM

WG4: GWs & Cosmology: WG4 Talks

Session |

Location: Sapienza University of Rome, Physics Department - Aula Amaldi (Marconi Building), Piazzale Aldo Moro, 5 · 06 49911 Rome (Italy)

3:20 - 3:45 PM

Exploring new physics with pulsar timing arrays

Speaker

Carlo Tasillo

3:45 - 4:10 PM

New probe for non-Gaussianities with primordial black hole induced gravitational waves

Speaker

Theodoros Papanikolaou

4:10 PM