

Session Program

28-30 Jan 2026

TAsP Meeting 2026

Morning 3

Friday 30 January

09:30

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Session |

Location: Aula L Belmeloro (Wednesday) Aula G Belmeloro (Thursday) Aula P Belmeloro (Friday) Via Beniamino Andreatta, 8 40126 Bologna

09:30–10:00 **News on particle cosmology**

Speaker
Enrico Morgante

10:00–10:12 **Looking for new physics with CMB and 21 cm data**

Speaker
Daniele Gaggero

10:12–10:24 **Early-universe constraints on the electron mass**

Speaker
Michela Garramone

10:24–10:36 **The Bispectrum of the Relativistic Redshift Drift**

Speaker
Pierre Béchaz

10:36–11:06 **Coffee break**

11:06–11:18 **Searching for gravitational waves with pulsar timing arrays**

Speaker
Danilo Zecca

11:18–11:30 **Cosmic Gravitational Waves: a Gateway to Early Universe Physics**

Speaker
Ninetta Saviano

11:30–11:42 **Axion inflation in the regime of homogenous backreaction**

Speaker
Nadir Ijaz

11:42–11:54

Quantum Recoherence in Presence of Excited States in the Early Universe

Speaker
Dr Simone Scarlatella

11:54–12:06 **An Introduction to $f(R)$ Gravity and Cosmological Applications**

Speaker
Marco Calo'

12:06–12:30 **Discussion**

12:30