

**Session Program**

**28-30 Jan 2026**

**TAsP Meeting 2026**

***Afternoon 2***

# Thursday 29 January

14:15

## Afternoon 2

### Session |

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

14:15–14:30 **Referees report**

### Speakers

Daniele Montanino, Martina Gerbino

14:30–15:00 **BSM probes with stars**

### Speaker

Edoardo Vitagliano

15:00–15:12 **When boson stars collapse bubbles can nucleate**

### Speaker

Nicklas Ramberg

15:12–15:24 **Detecting the QCD axion with the next galactic supernova**

### Speaker

Ángel Gil Muyor

15:24–15:36 **Detecting light axions from supernovae in nearby galaxies**

### Speaker

Francesca Lecce

15:36–16:06 **Coffee break**

16:06–16:18 **Light scalars from cold isolated neutron stars**

### Speaker

Alessandro Lella

16:18–16:30

**Constraining reheating through PBH production and inflatonovae explosions**

### Speaker

Francescopaolo Lopez

16:30–16:42 **Axion Quality: Challenges and Pathways to Improvement**

### Speaker

Federico Mescia

16:42–16:54

**The Standard Model partial unification scale as a guide to new physics model building**

### Speaker

Isabella Masina

16:54–17:30 **Discussion**

17:45