

**Session Program**

**Sep 26 - 30, 2022**

**International conference PUMA22 Probing  
the Universe with Multimessenger  
Astrophysics**

***Session 7***

Sestri Levante

Grand Hotel dei Castelli, Via Penisola Levante, 26, 16039 Sestri Levante (GE), Italy

# Thu, September 29

9:00 AM

## Session 7

**Session** |

**Location:** Sestri Levante, Grand Hotel dei Castelli, Via Penisola Levante, 26, 16039 Sestri Levante (GE), Italy |

**Conveners:** ALESSIO Caminata, Anna Marini

9:00 - 9:30 AM

### The LISA orbiting observatory for low frequency gravitational waves

**Speaker**

William Weber

9:30 - 10:00 AM

### Physics prospects of the Einstein Telescope

**Speaker**

Michele Maggiore

10:00 - 10:30 AM

### Supernova remnants

**Speaker**

Manami Sasaki

10:30 - 11:00 AM

### Coffee Break

11:00 - 11:30 AM

### Supernovae explosions: an observational perspective

**Speaker**

Jozsef Vinko

11:30 - 11:50 AM

### GWSkySim: a fast simulator of gravitational wave sources with multimessenger applications

**Speaker**

Mr Nunziato Sorrentino

11:50 AM - 12:10 PM

### Status of the Cryogenic AntiCoincidence detector for ATHENA X-IFU: DM and SM models

**Speaker**

Giovanni Gallucci

12:10 - 12:15 PM

### Cosmology from the weak lensing of gravitational waves

**Speaker**

Charlie Mpeha

12:30 PM