

Session Program

May 2 - 5, 2023

Giornate INAF 2023

New challenges and future perspectives

OACN, Auditorium Nazionale

Wed, May 3

9:20 AM

New challenges and future perspectives

Session | Location:

09:20 - 09:35 **Multiprobe Cosmology in the Euclid Era**

Speaker

Carmelita Carbone

Location

09:35 - 09:50 **High-energy polarization**

Speaker

Paolo Soffitta

Location

09:50 - 10:05 **Compact Objects, GW and ET opportunity**

Speaker

Giancarlo Ghirlanda

Location

10:05 - 10:20 **New detections in the VHE**

Speaker

Giovanni Morlino

Location

10:20 - 10:35 **First Galaxies with JWST**

Speaker

Adriano Fontana

Location

10:35 - 11:00 **Discussione con la comunità moderata dal CS**

Location

11:00 AM

11:20 AM

New challenges and future perspectives: (parte II)

Session | Location: | Convener: Chair: Marco Limongi

11:20 - 11:35

Tracing the magnetic connectivity from the Sun into the heliosphere: a multi-messenger approach

Speaker

Gaetano Zimbardo

Location

11:35 - 11:50 **Future exploration of Mars and the importance of sample return**

Speaker
Francesca Altieri

Location

11:50 - 12:05 **Promising developments in astrobiology**

Speaker
John Brucato

Location

12:05 - 12:20 **High resolution imaging**

Speaker
Roberto Ragazzoni

Location

12:20 - 12:35 **Next steps in radio astronomy INAF technologies**

Speaker
Jader Monari

Location

12:35 - 13:00 **Discussione con la comunità moderata dal CS**

Location

1:00 PM

2:30 PM

New challenges and future perspectives: (parte III)

Session | **Location:** | **Convener:** Chair: Daniele Spadaro

14:30 - 14:45 **New computational tools**

Speaker
Fabio Roberto Vitello

Location

14:45 - 15:00 **Earth-like exoplanetary atmospheres**

Speaker
Alessandro Sozzetti

Location

15:00 - 15:15

Stellar solutions to the Hubble constant tension: an observational and theoretical challenge

Speaker
Marcella Marconi

Location

15:15 - 16:00 **Discussione con la comunità moderata dal CS**

Location

4:00 PM