



# MASS Welcome Days

Hosted from the 24<sup>th</sup> to 26<sup>th</sup> September 2024 at the  
Physics Department of the Tor Vergata University of Rome



# Master in Astrophysics and Space Science MASS Ed.3 – Welcome Days September 24<sup>th</sup> – 26<sup>th</sup> 2024

## Program

### 24/9/2024 (Physics Department, Aula Grassano)

09:15 **Arrival and Welcome Coffee and cake**

10:00 Welcome with authorities: Rector's Delegate for Internationalization, Prof. Bianca Sulpasso, UNITOV; Director of the Physics Department: Prof. Pasquale Mazzotta, UNITOV; Program Coordinator, Prof. Nicola Vittorio, UNITOV  
**MASS at a glance**

10:30 **Learn to know MASS students** (Chair F. Thévenin) "A 3-minute speech about Myself" with 2 minutes per student for questions

12:45 **Lunch**

14:30 **MASS Students: Voices from the First Two Years**

- 14:30 Student Representatives for Edition 1: Aliza Mustafa, Sagarika Paul
- 14:40 Student Representatives for Edition2: Thara Caba (on-line), Haider Khan (on-line)

14:50 Question time

15:15 **MASS program options** with Belgrade, Bremen, Côte D'Azur, and Rome Tor Vergata Universities 1<sup>st</sup> part

- 15:15 Research activities in Nice and their connection with courses at Université Côte d'Azur (Prof. Frédéric Thévenin - in presence, Prof. Eric Aristidi - on-line)
- 15:45 Research activities in Rome and their connection with courses at the Tor Vergata University of Rome (Prof. Marina Migliaccio)
- 16:15 Question time

16:30 **Long coffee break:** MASS Students meet representatives from the MASS Universities

17:30 **End of the first day**

## 25/9/2024 (Physics Department, Aula Grassano)

10:00 **MASS program options** with Belgrade, Bremen, Côte D'Azur, and Rome Tor Vergata Universities 2<sup>nd</sup> part

- 10:00 Research activities in Belgrade and their connection with courses at the University of Belgrade (Prof. Dragana Ilić – in presence, Prof. Luka Popović - on-line)

10:30 **MASS Partnership Meeting 1<sup>st</sup> part**

- 10:30 Thales-Alenia Space (Eng. Thierry Viard - on-line)

10:45 Question time

11:00 **Coffee break**

11:30 **MASS Partnership Meeting 2<sup>nd</sup> part**

- 11:30 Italian Space Agency (Dr. Andrea Marinucci)
- 11:45 INAF-OAR (Dr. Ilaria Ermolli, Director)
- 12:00 INAF-IAPS (Dr. Anna Maria Di Giorgio, Vice Director)

12:15 Question time

12:30 **Lunch**

14:00 **MASS Partnership Meeting 3<sup>rd</sup> part**

- 14:00 ADS International (Dr. Daniele Gallieni – on-line)

14:15 Question time

14:20 **MASS program options** with Belgrade, Bremen, Côte D'Azur, and Rome Tor Vergata Universities 3<sup>rd</sup> part

- 14:20 Research activities in Bremen and their connection with courses at the University of Bremen (Prof. Dr. Annette Ladstätter-Weissenmayer, PD Dr. Eva Hackmann – on-line)

**MASS Partnership Meeting 4<sup>th</sup> part**

- 14:50 Astronomical Observatory of Belgrade (Prof. Luka Popović – on-line)

15:05 Question time

15:20 **Long coffee break:** MASS Students meet representatives from the MASS Consortium Universities and Third Parties

16:20 Closing the Meeting

17:00 Global Consortium Meeting

20:30 Social Dinner at the restaurant “Il Monticello”, Monte Porzio Catone

**26/9/2024 (Physics Department, Aula Grassano)**

**MASS program – Tor Vergata University of Rome: 1<sup>st</sup> semester courses**

- 9:30 Quantum Mechanics (Prof. G. M. de Divitiis)
- 9:45 Mathematical Methods for Physics (Prof. G. Dibitetto)
- 10:00 Radiative Processes (Prof. M. Migliaccio)
- 10:15 Modern Astrophysics (Prof. G. Bono)
- 10:30 Introduction to Numerical Methods for Astrophysics (Dr. V. D'Orazi)

10:45 Question time

11:00 **Role of Project Office and practical information** followed by a presentation of local facilities and question time (Dr. S. G. Temporin on-line and Dr. A. Caroli in presence)