

Theoretical Aspects of Astroparticle Physics, Cosmology and Gravitation

March 2, 2026 - March 13, 2026

First Week

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 - 10:45	<i>Registration</i>	<i>Course B</i>	<i>Course B</i>	<i>Course B</i>	<i>Course B</i>
	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
11:15 - 13:00	<i>Course A</i>	<i>Course A</i>	<i>Course A</i>	<i>Course A</i>	<i>Course A</i>
	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14:30 - 16:00	Exercise A	Exercise B	Exercise A	Exercise B	<i>Course B</i>
	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
16:30 - 17:30	Office hour A	Office hour B	Office hour A	Office hour B	<i>Visit to Galileo's house</i>
17:30		<i>Reception</i>			

Second Week

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 - 10:45	<i>Course C</i>	<i>Course C</i>	<i>Course C</i>	<i>Course C</i>	<i>Course C</i>
	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>	<i>Coffee Break</i>
11:15 -13:00	<i>Course D</i>	<i>Course D</i>	<i>Course D</i>	<i>Course D</i>	<i>Course D</i>
	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
14:30 -16:00	Exercise C	Exercise D	Exercise C	Exercise D	
	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
16:30 - 17:30	Office hour C	Office hour D	Office hour C	Office hour D	

Elena Pinetti (Flatiron Institute/Simons Foundation): Multi-messenger searches for dark matter

Davide Gerosa (Milano Bicocca): Gravitational waves from compact binaries

Elena Amato (INAF Arcetri): Cosmic Particles

Lavinia Heisenberg (Heidelberg): Gravity and Theoretical Cosmology

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2025 Program

Course A – Neutrinos in physics, astrophysics and cosmology

Mariam Tortola (IFIC/Valencia)

Christoph Ternes (LNGS)

Course B – Theoretical aspects of dark matter searches with cosmic ray particles

Mattia Di Mauro (INFN/Torino)

Pedro de la Torre Luque (IFT Madrid)

Course C – Gravitational Waves

Andrea Maselli (GSSI)

Costantino Pacilio (Università Milano Bicocca)

Course D – Inflation

Antonio Riotto (University of Geneva)

Matteo Biagetti (Institute for Fundamental Physics of the Universe, Trieste)

Preferenze Lecturers:

Prima settimana: Tortola

Seconda settimana: Maselli, Di Mauro (confermato)

Equivalente: Riotto

Presenza Organizzatori:

Prima settimana: Lisi, (Pisanti)

Seconda settimana: Gualtieri, Evoli, (Fornengo?)

Proposta:

Prima settimana: Tortola, Riotto

Seconda settimana: Maselli, Di Mauro