

Corso di Laurea Magistrale in Physics  
Curriculum: ASTROPHYSICS \_ORARIO LEZIONI A.A. 2022/2023  
**1° ANNO – 2° periodo didattico - (6 marzo 2023 – 17 giugno 2023)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9		Solar Physics Prof.ssa Zuccarello <b>Aula F</b>	General Relativity Prof. Bonanno <b>Aula F</b>		
9 - 10	General Relativity Prof. Bonanno <b>Aula F</b>	Solar Physics Prof.ssa Zuccarello <b>Aula F</b>	General Relativity Prof. Bonanno <b>Aula F</b>		Astrophysics Laboratory Proff.ssa Pumo <b>Aula I</b>
10 - 11	General Relativity Prof. Bonanno <b>Aula F</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>			Astrophysics Laboratory Proff.ssa Pumo <b>Aula I</b>
11 - 12		Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>			Astrophysics Laboratory Proff.ssa Pumo <b>Aula I</b>
12 - 13		Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>	Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	
13 - 14		Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>	Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	
14 - 15					
15 - 16	Solar Physics Prof.ssa Zuccarello <b>Aula F</b>	Astrophysics Laboratory Proff.ssa Pumo <b>Aula I</b>			
16 - 17	Solar Physics Prof.ssa Zuccarello <b>Aula F</b>	Astrophysics Laboratory Proff.ssa Pumo <b>Aula I</b>			
17 - 18	Solar Physics Prof.ssa Zuccarello <b>Aula F</b>	Astrophysics Laboratory Proff.ssa Pumo <b>Aula I</b>			

Corso di Laurea Magistrale in Physics  
Curriculum: CONDENSED MATTER PHYSICS - ORARIO LEZIONI A.A. 2022/2023  
**1° ANNO – 2° periodo didattico - (6 marzo 2023 – 17 giugno 2023)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9		Photonics Proff.ssa Lo Faro <b>Aula C</b>			
9 - 10	Mesoscopic and Topological Materials Prof. Pellegrino <b>Aula C</b>	Photonics Proff.ssa Lo Faro <b>Aula C</b>	Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula I</b>	Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula I</b>	Superconductivity and Superfluidity Prof.ssa Paladino <b>Aula C</b>
10 - 11	Mesoscopic and Topological Materials Prof. Pellegrino <b>Aula C</b>	Semiconductor Physics and Technology – Prof. Mirabella <b>Aula C</b>	Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula I</b>	Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula I</b>	Superconductivity and Superfluidity Prof.ssa Paladino <b>Aula C</b>
11 - 12	Semiconductor Physics and Technology Prof. Mirabella <b>Aula C</b>	Semiconductor Physics and Technology – Prof. Mirabella <b>Aula C</b>	Superconductivity and Superfluidity Prof.ssa Paladino <b>Aula C</b>	Mesoscopic and Topological Materials Prof. Pellegrino <b>Aula C</b>	Photonics Proff.ssa Lo Faro <b>Aula C</b>
12- 13	Semiconductor Physics and Technology Prof. Mirabella <b>Aula C</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>	Superconductivity and Superfluidity Prof.ssa Paladino <b>Aula C</b>	Mesoscopic and Topological Materials Prof. Pellegrino <b>Aula C</b>	Photonics Proff.ssa Lo Faro <b>Aula C</b>
13-14		Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>			
14-15					
15 - 16		Materials and Nanostructures Laboratory Prof. Urso <b>Aula M</b>	Materials and Nanostructures Laboratory Prof. Urso <b>Aula M</b>		
16 - 17		Materials and Nanostructures Laboratory Prof. Urso <b>Aula M</b>	Materials and Nanostructures Laboratory Prof. Urso <b>Aula M</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>	
17-18		Materials and Nanostructures Laboratory Prof. Urso <b>Aula M</b>	Materials and Nanostructures Laboratory Prof. Urso <b>Aula M</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>	

## Corso di Laurea Magistrale in Physics

Curriculum: NUCLEAR AND PARTICLE PHYSICS - ORARIO LEZIONI A.A. 2022/2023

**1° ANNO – 2° periodo didattico - (6 marzo 2023 – 17 giugno 2023)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9				Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula D</b>	
9 - 10	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula D</b>		Experimental Methods for Particle Physics Proff. Albergo / Petta <b>Aula D</b>	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula D</b>	Nuclear Reaction Theory Prof. Colonna <b>Aula D</b>
10 - 11	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula D</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>	Experimental Methods for Particle Physics Proff. Albergo / Petta <b>Aula D</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Nuclear Reaction Theory Prof. Colonna <b>Aula D</b>
11 - 12	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula D</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>		Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>
12- 13	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>	Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>	Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>
13-14	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>	Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b>	Nuclear Astrophysics Proff. Romano/Lamia <b>Aula L</b>	
14-15					
15-16				Experimental Methods for Particle Physics Proff.ri Albergo / Petta <b>Aula D</b>	
16-17				Experimental Methods For Particle Physics <b>Aula D</b> Proff.ri Albergo / Petta	
17-18				Experimental Methods for Particle Physics Proff.ri Albergo / Petta <b>Aula D</b>	

## Corso di Laurea Magistrale in Physics

Curriculum: NUCLEAR PHENOMENA AND THEIR APPLICATIONS - ORARIO LEZIONI A.A. 2022/2023

**1° ANNO – 2° periodo didattico - (6 marzo 2023 – 17 giugno 2023)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Medical Physics Prof. Cirrone <b>Aula T</b>		Medical Physics Prof. Cirrone <b>Aula T</b>	Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>
10 - 11	Medical Physics Prof. Cirrone <b>Aula T</b>	Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	Medical Physics Prof. Cirrone <b>Aula T</b>	Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>
11 - 12		Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>		Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>
12- 13	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>	Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula L</b>	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>	Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula L</b>	Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>
13- 14	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>	Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula L</b>		Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula L</b>	
14-15			Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>		
15 - 16	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>		Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>	Archaeometry Proff. Gueli/Stella <b>Aula T</b>	
16 - 17	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>	Archaeometry Proff. Gueli/Stella <b>Aula T</b>		Archaeometry Proff. Gueli/Stella <b>Aula T</b>	
17-18		Archaeometry Proff. Gueli/Stella <b>Aula T</b>		Archaeometry Proff. Gueli/Stella <b>Aula T</b>	

# Corso di Laurea Magistrale in Physics

Curriculum: **APPLIED PHYSICS** - ORARIO LEZIONI A.A. 2022/2023

**1° ANNO – 2° periodo didattico - (6 marzo 2023 – 17 giugno 2023)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Medical Physics Prof. Cirrone <b>Aula T</b>		Medical Physics Prof. Cirrone <b>Aula T</b>	Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	
10 - 11	Medical Physics Prof. Cirrone <b>Aula T</b>	Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	Medical Physics Prof. Cirrone <b>Aula T</b>	Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	
11 - 12		Environmental Radioactivity Prof. Romano/Rapisarda G <b>Aula T</b>	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>		Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>
12 - 13			Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>		Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>
13 - 14					
14 - 15			Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>		
15 - 16	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>		Accelerator Physics and Applications Prof. Mascali <b>Aula D</b>	Archaeometry Proff. Gueli/Stella <b>Aula T</b>	
16 - 17	Advanced Nuclear Techniques Applied to Medicine Prof. G. Russo <b>Aula D</b>	Archaeometry Proff. Gueli/Stella <b>Aula T</b>		Archaeometry Proff. Gueli/Stella <b>Aula T</b>	
17 - 18	Machine Learning for Physics-Prof. M. Russo <b>Lab. informatica</b>	Archaeometry Proff. Gueli/Stella <b>Aula T</b>	Machine Learning for Physics-Prof. M. Russo <b>Lab. informatica</b>	Archaeometry Proff. Gueli/Stella <b>Aula T</b>	
18-19	Machine Learning for Physics-Prof. M. Russo <b>Lab. informatica</b>		Machine Learning for Physics-Prof. M. Russo <b>Lab. informatica</b>		

# Corso di Laurea Magistrale in Physics

Curriculum: **THEORETICAL PHYSICS** - ORARIO LEZIONI A.A. 2022/2023

**1° ANNO – 2° periodo didattico - (6 marzo 2023 – 17 giugno 2023)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9			General Relativity Prof. Bonanno <b>Aula F</b>		
9 - 10	General Relativity Prof. Bonanno <b>Aula F</b>		General Relativity Prof. Bonanno <b>Aula F</b>		-Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b> -Superconductivity and Superfluidity Prof. Paladino <b>Aula C</b>
10 - 11	General Relativity Prof. Bonanno <b>Aula F</b>	Physics of Complex Systems Prof. Rapisarda <b>Aula D</b>		Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b> -Superconductivity and Superfluidity Prof. Paladino <b>Aula C</b>
11 - 12		Physics of Complex Systems Prof. Rapisarda <b>Aula D</b>	Superconductivity and Superfluidity Prof. Paladino <b>Aula C</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>
12-13	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>	Superconductivity and Superfluidity Prof. Paladino <b>Aula C</b>	Physics of Complex Systems Prof. Rapisarda <b>Aula D</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>
13-14	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula D</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>		Physics of Complex Systems Prof. Rapisarda <b>Aula D</b>	
14-15					
15 - 16		Quantum Field Theory – II Prof. Branchina <b>Aula L</b>	Quantum Field Theory – II Prof. Branchina <b>Aula L</b>		
16 - 17		Quantum Field Theory – II Prof. Branchina <b>Aula L</b>	Quantum Field Theory – II Prof. Branchina <b>Aula L</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>	
17-18	Machine Learning for Physics- Prof. M. Russo <b>Lab. informatica</b>	Quantum Field Theory – II Prof. Branchina <b>Aula L</b>	Machine Learning for Physics-Prof. M. Russo <b>Lab. informatica</b>	Quantum Phases of Matter Prof. Zappalà <b>Aula I</b>	
18-19	Machine Learning for Physics- Prof. M. Russo <b>Lab. informatica</b>		Machine Learning for Physics-Prof. M. Russo <b>Lab. informatica</b>		