

# Corso di Laurea Magistrale in Physics

Curriculum: ASTROPHYSICS - ORARIO LEZIONI A.A. 2021/2022

**1° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	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>	<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula A</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>	General Relativity Prof. Bonanno <b>Aula F</b>	Solar Physics Prof.ssa Zuccarello <b>Aula L</b>	Astrophysics Laboratory I Proff.ssa Pumo <b>Aula G</b>
10 - 11	General Relativity Prof. Bonanno <b>Aula F</b>	<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula A</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>	High Energy Astrophysics Prof. Bonanno <b>Aula I</b>	Solar Physics Prof.ssa Zuccarello <b>Aula L</b>	Astrophysics Laboratory I Proff.ssa Pumo <b>Aula G</b>
11 - 12	High Energy Astrophysics Prof. Bonanno <b>Aula I</b>	Solar Physics Prof.ssa Zuccarello <b>Aula M</b>	High Energy Astrophysics Prof. Bonanno <b>Aula I</b>		Astrophysics Laboratory I Proff.ssa Pumo <b>Aula G</b>
12 - 13	High Energy Astrophysics Prof. Bonanno <b>Aula I</b>	Solar Physics Prof.ssa Zuccarello <b>Aula M</b>	<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula M</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
13 - 14			<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula M</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
14 - 15					
15 - 16		Astrophysics Laboratory I Proff.ssa Pumo <b>Aula G</b>			
16 - 17		Astrophysics Laboratory I Proff.ssa Pumo <b>Aula G</b>			
17 - 18		Astrophysics Laboratory I Proff.ssa Pumo <b>Aula G</b>			

## Corso di Laurea Magistrale in Physics

Curriculum: **CONDENSED MATTER PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

**1° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9		<ul style="list-style-type: none"> <li>• Photonics Proff.ssa Lo Faro <b>Aula D</b></li> </ul>	<ul style="list-style-type: none"> <li>• Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula D</b></li> </ul>		
9 - 10	Mesoscopic And Topological Materials Prof. Pellegrino <b>Aula C</b>	<ul style="list-style-type: none"> <li>• Photonics Proff.ssa Lo Faro <b>Aula D</b></li> </ul>	<ul style="list-style-type: none"> <li>• Physics and Technology of Two-Dimensional Materials And Devices Prof. Torrisi <b>Aula D</b></li> </ul>	<ul style="list-style-type: none"> <li>• Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula D</b></li> </ul>	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>	<ul style="list-style-type: none"> <li>• Superconductivity and Superfluidity Prof.ssa Paladino <b>Aula C</b></li> </ul>	<ul style="list-style-type: none"> <li>• Physics and Technology of Two-Dimensional Materials and Devices Prof. Torrisi <b>Aula D</b></li> </ul>	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>	
12- 13	Semiconductor Physics and Technology Prof. Mirabella <b>Aula C</b>	Quantum Phases of Matter Proff. Falci / Zappalà <b>Aula F</b>	Quantum Phases of Matter Proff. Falci / Zappalà <b>Aula F</b>	Mesoscopic and Topological Materials Prof. Pellegrino <b>Aula C</b>	
13-14		Quantum Phases of Matter Proff. Falci / Zappalà <b>Aula F</b>	Quantum Phases of Matter Proff. Falci / Zappalà <b>Aula F</b>		
14-15					
15 - 16		Materials and Nanostructures Laboratory Proff. Reitano/Ruffino <b>Aula M</b>	Materials and Nanostructures Laboratory Proff. Reitano/Ruffino <b>Aula M</b>	<ul style="list-style-type: none"> <li>• Photonics Proff.ssa Lo Faro <b>Aula G</b></li> </ul>	
16 - 17		Materials and Nanostructures Laboratory Proff. Reitano/Ruffino <b>Aula M</b>	Materials and Nanostructures Laboratory Proff. Reitano/Ruffino <b>Aula M</b>	<ul style="list-style-type: none"> <li>• Photonics Proff.ssa Lo Faro <b>Aula G</b></li> </ul>	
17-18		Materials and Nanostructures Laboratory Proff. Reitano/Ruffino <b>Aula M</b>	Materials and Nanostructures Laboratory Proff. Reitano/Ruffino <b>Aula M</b>		

Corso di Laurea Magistrale in Physics  
 Curriculum: ASTROPHYSICS - ORARIO LEZIONI A.A. 2021/2022  
**2° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10		<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>			
10 - 11		<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>			
11 - 12					
13 - 13			<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
13 - 14			<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
14 - 15					
15 - 16					
16 - 17					
17 - 18					

## Corso di Laurea Magistrale in Physics

Curriculum: **NUCLEAR AND PARTICLE PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

**1° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10		<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula A</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>	Experimental Methods for Particle Physics Prof. Albergo / Petta <b>Aula L</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Nuclear Reaction Theory Prof. Colonna <b>Aula F</b>
10 - 11		<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula A</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>	Experimental Methods for Particle Physics Prof. Albergo / Petta <b>Aula L</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Nuclear Reaction Theory Prof. Colonna <b>Aula F</b>
11 - 12	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula I</b>		Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula I</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>
12- 13	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula I</b>	<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula M</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>	Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula I</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>
13-14		Experimental Methods for Nuclear Physics Prof. Musumarra <b>Aula I</b>	<ul style="list-style-type: none"> <li>• Nuclear Astrophysics Proff. Romano/Lamia <b>Aula M</b></li> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
14-15					
15-16				Experimental Methods for Particle Physics Proff.ri Albergo / Petta <b>Aula L</b>	
16-17				Experimental Methods For Particle Physics <b>Aula L</b> Proff.ri Albergo / Petta	
17-18				Experimental Methods for Particle Physics Proff.ri Albergo / Petta <b>Aula L</b>	

## Corso di Laurea Magistrale in Physics

Curriculum: : **NUCLEAR AND PARTICLE PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

**2° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10		<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>			
10 - 11		<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula F</b></li> </ul>			
11 - 12					
14 - 13			<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
13 - 14			<ul style="list-style-type: none"> <li>• Astroparticle Physics (Proff. Tricomi/Riccobene) <b>Aula I</b></li> </ul>		
14 - 15					
15 - 16					
16 - 17					
17 - 18					

## Corso di Laurea Magistrale in Physics

Curriculum: NUCLEAR PHENOMENA AND THEIR APPLICATIONS - ORARIO LEZIONI A.A. 2021/2022

**1° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Medical Physics Prof. Cirrone <b>Aula A</b>	Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula A</b>	Environmental Radioactivity Prof. S. Romano <b>Aula M</b>	Medical Physics Prof. Cirrone <b>Aula A</b>	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>
10 - 11	Medical Physics Prof. Cirrone <b>Aula A</b>	Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula A</b>	Environmental Radioactivity Prof. S. Romano <b>Aula M</b>	Medical Physics Prof. Cirrone <b>Aula A</b>	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>
11 - 12	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>	Environmental Radioactivity Prof. Romano <b>Aula D</b>		Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula M</b>	Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>
12- 13	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>	Environmental Radioactivity Prof. Romano <b>Aula D</b>	Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula M</b>	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula M</b>	Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>
13- 14			Nuclear Astrophysics Proff.ri Romano/Lamia <b>Aula M</b>		
14-15		Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>			
15 - 16		Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula C</b>	Archaeometry Proff. Gueli/Stella <b>Aula C</b>	
16 - 17		Archaeometry Proff. Gueli/Stella <b>Aula C</b>	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula C</b>	Archaeometry Proff. Gueli/Stella <b>Aula C</b>	
17-18		Archaeometry Proff. Gueli/Stella <b>Aula C</b>		Archaeometry Proff. Gueli/Stella <b>Aula C</b>	

# Corso di Laurea Magistrale in Physics

Curriculum: **APPLIED PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

**1° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9					
9 - 10	Medical Physics Prof. Cirrone <b>Aula A</b>		Environmental Radioactivity Prof. S. Romano <b>Aula M</b>	Medical Physics Prof. Cirrone <b>Aula A</b>	
10 - 11	Medical Physics Prof. Cirrone <b>Aula A</b>		Environmental Radioactivity Prof. S. Romano <b>Aula M</b>	Medical Physics Prof. Cirrone <b>Aula A</b>	
11 - 12		Environmental Radioactivity Prof. Romano <b>Aula D</b>		Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula M</b>	Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>
12 - 13		Environmental Radioactivity Prof. Romano <b>Aula D</b>		Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula M</b>	Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>
13 - 14					
14 - 15		Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>			
15 - 16	Machine Learning for Physics Prof. M. Russo <b>Aula F</b>	Accelerator Physics And Applications Prof. Mascali <b>Aula A</b>	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula C</b>	Archaeometry Proff. Gueli/Stella <b>Aula C</b>	Machine Learning for Physics Prof. M. Russo <b>Aula F</b>
16 - 17	Machine Learning for Physics Prof. M. Russo <b>Aula F</b>	Archaeometry Proff. Gueli/Stella <b>Aula C</b>	Advanced Nuclear Techniques Applied To Medicine Prof. G. Russo <b>Aula C</b>	Archaeometry Proff. Gueli/Stella <b>Aula C</b>	Machine Learning for Physics Prof. M. Russo <b>Aula F</b>
17 - 18		Archaeometry Proff. Gueli/Stella <b>Aula C</b>		Archaeometry Proff. Gueli/Stella <b>Aula C</b>	

# Corso di Laurea Magistrale in Physics

Curriculum: **THEORETICAL PHYSICS** - ORARIO LEZIONI A.A. 2021/2022

**1° ANNO – 2° periodo didattico - (dal 28 febbraio -10 giugno 2022)**

	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>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>	-Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</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 L</b>	Superconductivity And Superfluidity Prof. Paladino <b>Aula C</b>	Theory of Strong Interactions Prof. Greco <b>Aula M</b>	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b> -Superconductivity And Superfluidity Prof. Paladino <b>Aula C</b>
11 - 12	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>	Physics Of Complex Systems Prof. Rapisarda <b>Aula L</b>	Superconductivity And Superfluidity Prof. Paladino <b>Aula C</b>		<ul style="list-style-type: none"> <li>• Physics of Complex Systems Prof. Rapisarda <b>Aula L</b></li> <li>• Theory of Strong Interactions Prof. Greco <b>Aula M</b></li> </ul>
12-13	Nuclear Reaction Theory Prof.ssa Colonna <b>Aula F</b>	Quantum Phases Of Matter Proff. Falci / Zappalà <b>Aula F</b>	Quantum Phases Of Matter Proff. Falci / Zappalà <b>Aula F</b>		<ul style="list-style-type: none"> <li>• Physics of Complex Systems Prof. Rapisarda <b>Aula L</b></li> <li>• Theory of Strong Interactions Prof. Greco <b>Aula M</b></li> </ul>
13-14		Quantum Phases Of Matter Proff. Falci / Zappalà <b>Aula F</b>	Quantum Phases Of Matter Proff. Falci / Zappalà <b>Aula F</b>		
14-15					
15 - 16	Machine Learning for Physics Prof. M. Russo <b>Aula F</b>	Quantum Field Theory – II Prof. Branchina <b>Aula E</b>	Quantum Field Theory – II Prof. Branchina <b>Aula E</b>		Machine Learning for Physics Prof. M. Russo <b>Aula F</b>
16 - 17	Machine Learning for Physics Prof. M. Russo <b>Aula F</b>	Quantum Field Theory – II Prof. Branchina <b>Aula E</b>	Quantum Field Theory – II Prof. Branchina <b>Aula E</b>		Machine Learning for Physics Prof. M. Russo <b>Aula F</b>
17-18		Quantum Field Theory – II Prof. Branchina <b>Aula E</b>			