

Corso di Laurea Magistrale in Physics
Curriculum: ASTROPHYSICS _ORARIO LEZIONI A.A. 2023/2024
1° ANNO – 2° periodo didattico - (4 marzo 2024 – 17 giugno 2024)

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

Corso di Laurea Magistrale in Physics

Curriculum: CONDENSED MATTER PHYSICS - ORARIO LEZIONI A.A. 2023/2024

1° ANNO – 2° periodo didattico - (4 marzo 2024 – 17 giugno 2024)

	LUNEDI'	MARTEDI'	MERCOLEDI'	GIOVEDI'	VENERDI'
8 - 9	Mesoscopic and Topological Materials Prof. Pellegrino Aula C	Photonics Proff.ssa Lo Faro Aula G		Mesoscopic and Topological Materials Prof. Pellegrino Aula I	
9 - 10	Mesoscopic and Topological Materials Prof. Pellegrino Aula C	Photonics Proff.ssa Lo Faro Aula G	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Mesoscopic and Topological Materials Prof. Pellegrino Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C
10 - 11			Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C
11 - 12	Semiconductor Physics and Technology Prof. Mirabella Aula L	Semiconductor Physics and Technology – Prof. Mirabella Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C	Physics of 2d materials Technology Devices and quantum phenomena Prof. Torrisi Aula I	Photonics Proff.ssa Lo Faro Aula G
12- 13	Semiconductor Physics and Technology Prof. Mirabella Aula L	Semiconductor Physics and Technology – Prof. Mirabella Aula I	Superconductivity and Superfluidity Prof.ssa Paladino Aula C		Photonics Proff.ssa Lo Faro Aula G
13-14					
14-15				Quantum Phases of Matter Prof. Amico Aula C	
15 - 16	Quantum Phases of Matter Prof. Amico Aula C	Materials and Nanostructures Laboratory Prof. Urso Aula M	Materials and Nanostructures Laboratory Prof. Urso Aula M	Quantum Phases of Matter Prof. Amico Aula C	
16 - 17	Quantum Phases of Matter Prof. Amico Aula C	Materials and Nanostructures Laboratory Prof. Urso Aula M	Materials and Nanostructures Laboratory Prof. Urso Aula M		
17-18		Materials and Nanostructures Laboratory Prof. Urso Aula M	Materials and Nanostructures Laboratory Prof. Urso Aula M		

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Curriculum: NUCLEAR AND PARTICLE PHYSICS - ORARIO LEZIONI A.A. 2023/2024

1° ANNO – 2° periodo didattico - (4 marzo 2024 – 17 giugno 2024)

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

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Curriculum: NUCLEAR PHENOMENA AND THEIR APPLICATIONS - ORARIO LEZIONI A.A. 2023/2024

1° ANNO – 2° periodo didattico - (4 marzo 2024 – 17 giugno 2024)

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

Corso di Laurea Magistrale in Physics

Curriculum: APPLIED PHYSICS - ORARIO LEZIONI A.A. 2023/2024

1° ANNO – 2° periodo didattico - (4 marzo 2024 – 17 giugno 2024)

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

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Curriculum: **THEORETICAL PHYSICS** - ORARIO LEZIONI A.A. 2023/2024

1° ANNO – 2° periodo didattico - (4 marzo 2024 – 17 giugno 2024)

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