

## Pillar Courses

Course	Area	Course Organizer	email
<a href="#">Modeling Complex Systems</a>	MERC	Mario di Bernardo	<a href="mailto:mario.dibernardo@unina.it">mario.dibernardo@unina.it</a>
<a href="#">Stochastic Modelling</a>	MERC	Massimiliano Giorgio	<a href="mailto:massimiliano.giorgio@unina.it">massimiliano.giorgio@unina.it</a>
<a href="#">General Relativity</a>	SPACE	Salvatore Capozziello	<a href="mailto:salvatore.capozziello@unina.it">salvatore.capozziello@unina.it</a>
<a href="#">Differential Geometry</a>	MPS	Alessandro Zampini	<a href="mailto:alessandro.zampini@unina.it">alessandro.zampini@unina.it</a>
<a href="#">PDEs</a>	MPS	Carlo Nitsch	<a href="mailto:c.nitsch@unina.it">c.nitsch@unina.it</a>
<a href="#">Numerical Treatment of PDEs</a>	MPS	Francesco Calabrò	<a href="mailto:calabro@unina.it">calabro@unina.it</a>
<a href="#">Electromagnetism</a>	SPACE	Daniele Riccio	<a href="mailto:daniele.riccio@unina.it">daniele.riccio@unina.it</a>
<a href="#">Numerical methods for complex systems</a>	MERC	Constantinos Siettos	<a href="mailto:constantinos.siettos@unina.it">constantinos.siettos@unina.it</a>
<a href="#">Quantum mechanics</a>	SPACE	Rino Miele	<a href="mailto:gennaro.miele@unina.it">gennaro.miele@unina.it</a>

## Timetable (First six weeks, from 09/11/2020 to 17/12/2020)

	Monday	Tuesday	Wednesday	Thursday
<b>9:00 am 11:00 am</b>	General Relativity	Stochastic Modelling	General Relativity	Stochastic Modelling
<b>11:00 am 1:00 pm</b>	Modeling Complex Systems	Differential Geometry	Modeling Complex Systems	Differential Geometry
<b>2:00 pm 3:30 pm</b>	-	-	-	Seminar

## Courses Teams' Codes (to access the Microsoft Teams platform)

General Relativity: gipjxm0  
 Stochastic Modelling: p5odr2y  
 Modeling Complex Systems: pe4gy30

Differential Geometry:  
Seminars:

6jlush8  
10gkgko



## Courses Timetable (From 11/01/2021 to 19/02/2021)

Course	Area	Prof.	email	Teams' Code
<a href="#">PDEs</a>	MPS	Carlo Nitsch	<a href="mailto:c.nitsch@unina.it">c.nitsch@unina.it</a>	zfkpw7x
<a href="#">Numerical Treatment of PDEs</a>	MPS	Francesco Calabrò	<a href="mailto:calabro@unina.it">calabro@unina.it</a>	a2di18o
<a href="#">Electro-magnetism</a> **	SPACE	Daniele Riccio	<a href="mailto:daniele.riccio@unina.it">daniele.riccio@unina.it</a>	clglhco
<a href="#">Numerical methods for complex systems</a>	MERC	Constantinos Siettos	<a href="mailto:constantinos.siettos@unina.it">constantinos.siettos@unina.it</a>	gf8brfv

\*\* the course will start from 18/01

	Monday	Tuesday	Wednesday	Thursday
9:00 am 11:00 am	Numerical Treatment of PDEs	PDEs	Numerical Treatment of PDEs	PDEs
11:00 am 1:00 pm	Electro-magnetism **	Numerical methods for complex systems	Electro-magnetism **	Numerical methods for complex systems
2:00 pm 3:30 pm	-	-	-	Scientific Colloquia (Teams code: 2hvyhfx )



These courses are organized by the PhD programs in "Advanced Mathematical and Physical Sciences for Advanced Materials and Technologies", "Cosmology, Space Science and Space Technology" and "Modeling and Engineering Risk and Complexity"



## Next Scientific Colloquia at SSM

- ❑ 14/01/2021 - 2pm : **Juergen Kurths**, Department of Complexity Science, Postdam Institute for Climate Impact Research – Germany
- ❑ 21/01/2021 - 2pm : **Jailson Alcaniz**, National Observatory of Rio de Janeiro - Brasil
- ❑ 28/01/2021 - 2pm : **Rosario Fazio**, Centre for Theoretical Physics (ICTP), and Department of Physics, Scuola Normale Superiore - Italy
- ❑ 04/02/2021 - 2pm : **Maurizio Porfiri**, Department of Mechanical and Aerospace Engineering, New York University - U.S.A.
- ❑ 11/02/2021 - 2pm : **Massimo Della Valle**, Astronomical Observatory of Capodimonte - Italy
- ❑ 18/02/2021 - 2pm : **Francesco Solombrino**, “Renato Caccioppoli” Department of Mathematics and Applications, University of Naples Federico II – Italy
- ❑ 25/02/2021 - 2pm : **Andrey Golutvin**, Department of Physics, Imperial College London - U.K.
- ❑ 04/03/2021 - 2pm : **Gennaro Miele**, “Ettore Pancini” Department of Physics, University of Naples Federico II - Italy
- ❑ 25/03/2021 - 2pm : **Giuseppe Longo**, “Ettore Pancini” Department of Physics, University of Naples Federico II – Italy
- ❑ 29/04/2021 - 2pm : **Thomas H. Jordan**, Earth Sciences, University of Southern California - U.S.A



## Courses from 8<sup>th</sup> March to 23<sup>rd</sup> April, 2021

### MERC area

- [Performance-Based Risk Analysis](#)  
Teacher: Prof. Iunio Iervolino  
Teaching mode: in-person | Dates: 08/03 – 09/04 | Hours: 24  
Team code: **rn9o873**
- [Introduction to Turbulent and Reacting Flows](#)  
Teacher: Prof. Almerinda Di Benedetto, Prof. Gennaro Coppola  
Teaching mode: online | Dates: 12/04 – 23/04 | Hours: 12  
Team code: **gzu3j3q**

### MPS area

- [Physics of Matter from the Zepto-Scale to the Macro-Scale](#)  
Teacher: Prof. Lorenzo Marrucci, Prof. Fabio Ambrosino, Prof. Rosario Fazio  
Teaching mode: online | Dates: 08/03 – 23/04 | Hours: 24  
Team code: **om9p5si**
- [Soft Matter in Flow: Modelling and Simulation](#)  
Teacher: Prof. Pier Luca Maffettone, Prof. Gaetano D'Avino  
Teaching mode: online | Dates: 08/03 – 23/04 | Hours: 24  
Team code: **iyg1l0c**

### SPACE area

- [Introduction to Cosmology](#)  
Teacher: Prof. Matarrese  
Teaching mode: online | Dates: 08/03 – 23/04 | Hours: 24  
Team code: **0igun02**
- [Quantum Mechanics](#)  
Teacher: Prof. Gennaro Miele  
Teaching mode: online | Dates: 08/03 – 23/04 | Hours: 24  
Team code: **xlwiq1b**
- [Spacecraft Attitude Control via Momentum Exchange Devices](#)  
Teacher: Prof. Riccardo Bevilacqua  
Teaching mode: in-person | Dates: 22/03 – 31/03 | Hours: 24  
Team code: **elxnxcb**

08/03 – 19/03

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM	<b>Introduction of Cosmology Matarrese</b> (online) 9:00AM-11:00AM	<b>Performance-based risk analysis Iervolino</b> (in-person) 9:00AM-11:00AM	<b>Performance-based risk analysis Iervolino</b> (in-person) 9:00AM-11:00AM	<b>Performance-based risk analysis Iervolino</b> (in-person) 9:00AM-11:00AM	
9:30AM					
10:00AM					
10:30AM					
11:00AM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM	<b>Introduction of Cosmology Matarrese</b> (online) 11:00AM-1:00PM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM		
11:30AM					
12:00PM					
12:30PM					
1:00PM					
1:30PM					
2:00PM	<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM		<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM	<b>SSM COLLOQUIA</b> (online) 2:00PM-4:00PM	
2:30PM					
3:00PM					
3:30PM					
4:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM			
4:30PM					
5:00PM					
5:30PM					
6:00PM					

22/03 – 31/03 (Wednesday)

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM	<b>Introduction of Cosmology Matarrese</b> (online) 9:00AM-11:00AM	<b>PERFORMANCE-based risk analysis Iervolino</b> (in presenza) 9:00AM-11:00AM	<b>PERFORMANCE-based risk analysis Iervolino</b> (in presenza) 9:00AM-11:00AM	<b>PERFORMANCE-based risk analysis Iervolino</b> (in presenza) 9:00AM-11:00AM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 9:00AM-12:00PM
10:00AM					
11:00AM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM	<b>Introduction of Cosmology Matarrese</b> (online) 11:00AM-1:00PM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM	<b>Spacecraft attitude control via momentum exchange devices Bevilacqua</b> (in presenza) 11:00AM-1:00PM	
12:00PM					
1:00PM					
2:00PM	<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 2:00PM-4:00PM	<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM	<b>SSM COLLOQUIA</b> (online) 2:00PM-4:00PM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 2:00PM-4:00PM
3:00PM					
4:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 4:00PM-7:00PM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 4:00PM-7:00PM	
5:00PM					
6:00PM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 6:00PM-7:00PM	<b>Spacecraft attitude control via momentum exchange devices</b> (in presenza) 6:00PM-7:00PM			
7:00PM					

Easter break | 01/04 – 6/04

07/04 – 09/04

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM	<b>Introduction of Cosmology Matarrese</b> (online) 9:00AM-11:00AM	<b>Performance-based risk analysis Iervolino</b> (in-person) 9:00AM-11:00AM	<b>Performance-based risk analysis Iervolino</b> (in-person) 9:00AM-11:00AM	<b>Performance-based risk analysis Iervolino</b> (in-person) 9:00AM-11:00AM	
9:30AM					
10:00AM					
10:30AM					
11:00AM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM	<b>Introduction of Cosmology Matarrese</b> (online) 11:00AM-1:00PM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM		
11:30AM					
12:00PM					
12:30PM					
1:00PM					
1:30PM					
2:00PM	<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM		<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM	<b>SSM COLLOQUIA</b> (online) 2:00PM-4:00PM	
2:30PM					
3:00PM					
3:30PM					
4:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM			
4:30PM					
5:00PM					
5:30PM					
6:00PM					



12/04 – 23/04

	Monday	Tuesday	Wednesday	Thursday	Friday		
9:00AM	<b>Introduction of Cosmology Matarrese</b> (online) 9:00AM-11:00AM	<b>Introduction to Turbulent and Reacting flows di Benedetto/Coppola</b> (online) 9:00AM-11:00AM	<b>Introduction to Turbulent and Reacting flows di Benedetto/Coppola</b> (online) 9:00AM-11:00AM	<b>Introduction to Turbulent and Reacting flows di Benedetto/Coppola</b> (online) 9:00AM-11:00AM			
9:30AM							
10:00AM							
10:30AM							
11:00AM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM	<b>Introduction of Cosmology Matarrese</b> (online) 11:00AM-1:00PM	<b>Quantum Mechanics Miele</b> (online) 11:00AM-1:00PM				
11:30AM							
12:00PM							
12:30PM							
1:00PM							
1:30PM							
2:00PM	<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM		<b>Physics of matter from the zepto-scale to the macro-scale Marrucci/Fazio/Ambrosino</b> (online) 2:00PM-4:00PM	<b>SSM COLLOQUIA</b> (online) 2:00PM-4:00PM			
2:30PM							
3:00PM							
3:30PM							
4:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM	<b>Soft Matter in Flow: Modelling and Simulation Maffettone</b> (online) 4:00PM-6:00PM					
4:30PM							
5:00PM							
5:30PM							
6:00PM							

## MERC Area: Courses from 26<sup>th</sup> April to 18<sup>th</sup> June, 2021

- [Stochastic Differential Equations and Singular Stochastic Control](#)  
Lecturer: Prof. Tiziano De Angelis, Prof. Maria Chiarolla  
Teaching mode: online | Hours: 24  
Team code: **pxmnigv**
  
- [Fundamentals of Natural Hazard Forecasting](#)  
Lecturer: Prof. Warner Marzocchi  
Teaching mode: online | Hours: 14  
Team code: **4bvahv0**
  
- [Risk Analysis, Assessment and Management: Why, What and How](#)  
Lecturer: Prof. Hans Pasman  
Teaching mode: online | Hours: 6  
Team code: **mbi149v**
  
- [Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events](#)  
Teaching mode: online | Hours: 14  
Team code: **9yzi21x**
  - [Part I: Short-Term Earthquake and Eruption Forecasting](#)  
Lecturer: Prof. Warner Marzocchi  
Hours: 6
  - [Part II: Short-Term Forecasting of Heavy Hydrological Events](#)  
Lecturer: Prof. Gianfranco Urciuoli  
Hours: 8
  
- [An Introduction to \(Multi-Agent\) Reinforcement Learning for Complex Systems Analysis and Data Driven Control](#)  
Teaching mode: online | Hours: 12  
Team code: **albwrdr**
  - [Part I: An Introduction to \(Multi-Agent\) Reinforcement Learning for Complex Systems Analysis](#)  
Lecturer: Prof. Mirco Musolesi  
Hours: 6
  - [Part II: An Introduction to Data Driven Control](#)  
Lecturer: Prof. Giovanni Russo  
Hours: 6
  
- [Complex Dynamics of Human Behaviour: Theory, Modelling and Analysis](#)  
Lecturer: Prof. Michael Richardson  
Teaching mode: online | Hours: 6  
Team code: **m48jwz7**

- [Earthquake Early Warning Systems: Concept, Methods and Technologies](#)

Lecturer: Prof. Aldo Zollo

Teaching mode: online | Hours: 12

Team code: **rwz542q**

26 April 2021 - 30 April 2021

	Monday	Tuesday	Wednesday	Thursday
09:00		Fundamentals of Natural Hazard Forecasting (Marzocchi)	Fundamentals of Natural Hazard Forecasting (Marzocchi)	Fundamentals of Natural Hazard Forecasting (Marzocchi)
09:30				
10:00				
10:30				
11:00	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloquium
14:30				
15:00				
15:30				
16:00				X
16:30				
17:00				
17:30				

03 May 2021 - 07 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Fundamentals of Natural Hazard Forecasting (Marzocchi)	Fundamentals of Natural Hazard Forecasting (Marzocchi)	Fundamentals of Natural Hazard Forecasting (Marzocchi)	Fundamentals of Natural Hazard Forecasting (Marzocchi)
09:30				
10:00				
10:30				
11:00	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				X
16:30				
17:00				
17:30				

10 May 2021 - 14 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00		Risk Analysis, Assessment and Management: Why, What and How (Pasman)	Risk Analysis, Assessment and Management: Why, What and How (Pasman)	Risk Analysis, Assessment and Management: Why, What and How (Pasman)
09:30				
10:00				
10:30				
11:00	Stochastic Differential Equations and Singular Stochastic Control (De Angelis)	Stochastic Differential Equations and Singular Stochastic Control (Chiarolla)		
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloquium
14:30				
15:00				
15:30				
16:00				X
16:30				
17:00				
17:30				

17 May 2021 - 21 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00		Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part I (Marzocchi)	Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part I (Marzocchi)	Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part I (Marzocchi)
09:30				
10:00				
10:30				
11:00	Stochastic Differential Equations and Singular Stochastic Control (Chiarolla)	Stochastic Differential Equations and Singular Stochastic Control (Chiarolla)		
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloquium
14:30				
15:00				
15:30				
16:00				X
16:30				
17:00				
17:30				

24 May 2021 - 28 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part II (Urciuoli)		An Introduction to (Multi-Agent) Reinforcement Learning for Complex Systems Analysis and Data Driven Control - Part I (Musolesi)	An Introduction to (Multi-Agent) Reinforcement Learning for Complex Systems Analysis and Data Driven Control - Part I (Musolesi)
09:30				
10:00				
10:30				
11:00	Stochastic Differential Equations and Singular Stochastic Control (Chiarolla)	Stochastic Differential Equations and Singular Stochastic Control (Chiarolla)	Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part II (Urciuoli)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00		Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part II (Urciuoli)		SSM Scientific Colloquium
14:30				
15:00				
15:30				
16:00				
16:30				
17:00				
17:30				



31 May 2021 - 4 June 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Complex Dynamics of Human Behaviour: Theory, Modelling and Analysis (Richardson)	An Introduction to (Multi-Agent) Reinforcement Learning for Complex Systems Analysis and Data Driven Control - Part I (Musolesi)	X	Complex Dynamics of Human Behaviour: Theory, Modelling and Analysis (Richardson)
09:30				
10:00				
10:30				
11:00		Short-Term Forecasting of Earthquakes, Eruptions, and Heavy Hydrogeological Events - Part II (Urciuoli)	X	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00			X	SSM Scientific Colloquium
14:30				
15:00				
15:30				
16:00			X	
16:30				
17:00				
17:30				

7 June 2021 - 11 June 2021

	Monday	Tuesday	Wednesday	Thursday
09:00			Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)	Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)
09:30				
10:00				
10:30				
11:00			An Introduction to (Multi-Agent) Reinforcement Learning for Complex Systems Analysis and Data Driven Control - Part II (Russo)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloquium
14:30				
15:00				
15:30				
16:00				X
16:30	An Introduction to (Multi-Agent) Reinforcement Learning for Complex Systems Analysis and Data Driven Control - Part II (Russo)			
17:00				
17:30				

14 June 2021 - 18 June 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)	Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)	Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)	Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)
09:30				
10:00				
10:30				
11:00				
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				X
16:30				
17:00				
17:30				

## MPS Area: Courses from 26<sup>th</sup> April to 18<sup>th</sup> June, 2021

- [Advanced topics in particle physics](#)  
Lecturer: Prof. Fabio Ambrosino  
Teaching mode: online | Hours: 6  
Team code: **srxoszl**
- [Advanced topics in physics of matter](#)  
Lecturer: Prof. Rosario Fazio  
Teaching mode: online | Hours: 6  
Team code: **11210x4**
- [Computational Electromagnetics](#)  
Lecturer: Prof. Raffaele Albanese / Prof. Fabio Villone  
Teaching mode: online | Hours: 24  
Team code: **s5shmkt**
- [Thermodynamics of Materials](#)  
Lecturer: Prof. Giuseppe Mensitieri  
Teaching mode: online | Hours: 20  
Team code: **4sgzt0n**

26 April 2021 - 30 April 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Computational Electromagnetics (Albanese/Villone)	Advanced Topics in Particle Physics (Ambrosino)	Computational Electromagnetics (Albanese/Villone)	
09:30				
10:00				
10:30				
11:00		Thermodynamics of Materials (Mensitieri)	Thermodynamics of Materials (Mensitieri)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				
16:30				
17:00				
17:30				

3 May 2021 - 7 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Computational Electromagnetics (Albanese/Villone)		Computational Electromagnetics (Albanese/Villone)	
09:30				
10:00				
10:30				
11:00	Thermodynamics of Materials (Mensitieri)	Thermodynamics of Materials (Mensitieri)		
11:30				
12:00				
12:30				
13:00				
13:30				
14:00			Advanced Topics in Particle Physics (Ambrosino)	SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				
16:30				
17:00				
17:30				

10 May 2021 - 14 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Computational Electromagnetics (Albanese/Villone)	Advanced Topics in Particle Physics (Ambrosino)	Computational Electromagnetics (Albanese/Villone)	
09:30				
10:00				
10:30				
11:00	Thermodynamics of Materials (Mensitieri)	Thermodynamics of Materials (Mensitieri)		
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				
16:30				
17:00				
17:30				

17 May 2021 - 28 May 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Computational Electromagnetics (Albanese/Villone)		Computational Electromagnetics (Albanese/Villone)	
09:30				
10:00				
10:30				
11:00	Thermodynamics of Materials (Mensitieri)	Thermodynamics of Materials (Mensitieri)	Advanced Topics in Physics of Matter (Fazio)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				
16:30				
17:00				
17:30				



31 May 2021 - 4 June 2021

	Monday	Tuesday	Wednesday	Thursday
09:00	Computational Electromagnetics (Albanese/Villone)			
09:30				
10:00				
10:30				
11:00	Thermodynamics of Materials (Mensitieri)	Thermodynamics of Materials (Mensitieri)		
11:30				
12:00				
12:30				
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14:00				SSM Scientific Colloq
14:30				
15:00				
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17:00				
17:30				

7 June 2021 - 11 June 2021

	Monday	Tuesday	Wednesday	Thursday
09:00			Computational Electromagnetics (Albanese/Villone)	
09:30				
10:00				
10:30				
11:00			Advanced Topics in Physics of Matter (Fazio)	
11:30				
12:00				
12:30				
13:00				
13:30				
14:00				SSM Scientific Colloq
14:30				
15:00				
15:30				
16:00				
16:30				
17:00				
17:30				

## SPACE Area: Courses from 26<sup>th</sup> April to 18<sup>th</sup> June, 2021

Note that each course has a different start and end date.

- **Cosmic Distances**  
Lecturer: Prof. Della Valle  
Email: [massimo.dellavalle@inaf.it](mailto:massimo.dellavalle@inaf.it)  
Teaching mode: online | Dates start-end: 03/05 – 11/06 | Hours: 12  
Wednesday 14h-16h  
Team code: **to995yo**
- **Quasar Cosmology**  
Lecturer: Prof. Risaliti  
Email: [guido.risaliti@unifi.it](mailto:guido.risaliti@unifi.it)  
Teaching mode: online | Dates start-end: 26/04 – 14/05 | Hours: 12  
Monday 11h-13h, Thursday 9h-11h  
Team code: **7g8qb3h**
- **Standard Model of Fundamental Interactions**  
Lecturer: Prof. Sannino  
Email: [sannino@cp3.sdu.dk](mailto:sannino@cp3.sdu.dk)  
Teaching mode: online | Dates start-end: 26/04 – 14/05 | Hours: 12  
Monday 9h-11h, Wednesday 11h-13h  
Team code: **c3x669m**
- **Observational Cosmology**  
Lecturer: Dr. Benetti  
Email: [micol.benetti@unina.it](mailto:micol.benetti@unina.it)  
Teaching mode: online | Dates start-end: 26/04 – 14/05 | Hours: 12  
Tuesday - Thursday 11h-13h  
Team code: **8ezkbz0**

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM	<b>Standard Model Particles</b> Sannino 9:00AM-11:00AM			<b>Quasar Cosmology</b> Risaliti 9:00AM-11:00AM	
10:00AM					
11:00AM	<b>Quasar Cosmology</b> Risaliti 11:00AM-1:00PM	<b>Observational Cosmology</b> Benetti 11:00AM-1:00PM	<b>Standard Model Particles</b> Sannino 11:00AM-1:00PM	<b>Observational Cosmology</b> Benetti 11:00AM-1:00PM	
12:00PM					
1:00PM					
2:00PM			<b>Cosmic Distances</b> Della Valle 2:00PM-4:00PM	<b>SSM COLLOQUIA</b> (online) 2:00PM-4:00PM	
3:00PM					
4:00PM					