

Courses from 8th November to 17th December, 2021

MERC area

• Modeling Complex Systems

Lecturer: Prof. Mario Di Bernardo

Teaching mode: in-person (Aula 1) | Hours: 24

Team code: 1nbhrv7

Numerical Methods for Complex Systems

Lecturer: Prof. Constantinos Siettos

Teaching mode: in-person (Aula 1) | Hours: 24

Team code: 2m9lbno

Seminar lectures

Lecturers: Prof. Francesco Bullo, Prof. Stefano Boccaletti Teaching mode: in-person (Aula 1) | Hours: 10+10

o Part I: Dynamics of Network Systems in Science and Technology

Lecturer: Prof. Francesco Bullo

Hours: 10

o Part II: Introduction to complex networks' structure and dynamics

Lecturer: Prof. Stefano Boccaletti

Hours: 10

MPHS area

• <u>Differential Geometry</u>

Lecturer: Dr. Alessandro Zampini

Teaching mode: in-person (Aula 1) | Hours: 24

Team code: tzzrjxx

SPACE area

• Introduction to General Relativity

Lecturer: Prof. Salvatore Capozziello

Teaching mode: in-person (Aula 1) | Hours: 24

Team code: t8r0z51



Timetable: 8th-12th November 2021

0.00444	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM - 9:30AM - 10:00AM - 10:30AM -	Differential Geometry Alessandro Zampini 9:00AM-11:00AM Aula 1		Numetical Methods for Complex Systems Constantinos Siettos 9:00AM-11:00AM Aula 1	Modeling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1	Modeling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1
11:00AM - 11:30AM - 12:00PM -	Numetical Methods for	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	Differential Geometry Alessandro Zampini 11:00AM-1:00PM Aula 1	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	
12:30PM -	Complex Systems Constantinos Siettos 12:00PM-2:00PM				
1:00PM -	Aula 1				
2:00PM -				SSM Colloquia	
2:30PM -				2:00PM-3:30PM	
3:00PM - 3:30PM -					
4:00PM -					
4:30PM -					
5:00PM -					



Timetable: 15th-19th November 2021

0.00444	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM - 9:30AM - 10:00AM - 10:30AM -	Differential Geometry Alessandro Zampini 9:00AM-11:00AM Aula 1		Numetical Methods for Complex Systems Constantinos Siettos 9:00AM-11:00AM Aula 1	Modeling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1	Modeling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1
11:00AM - 11:30AM - 12:00PM - 12:30PM -	Numetical Methods for Complex Systems Constantinos Siettos 12:00PM-2:00PM	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	Differential Geometry Alessandro Zampini 11:00AM-1:00PM Aula 1	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	
1:00PM - 1:30PM -	Aula 1				
2:00PM -				SSM Colloquia	Dynamics of Network Systems in Science and
2:30PM - 3:00PM -				2:00PM-3:30PM	Technology – Francesco Bullo 2:00PM-4:30PM – Aula 1
3:30PM -					-
4:00PM -					-
4:30PM -					
5:00PM -	 				+



Timetable: 22nd-26th November 2021

0.00444	Monday I	Tuesday	Wednesday	Thursday	Friday
9:00AM = 9:30AM = 10:00AM =	Differential Geometry Alessandro Zampini 9:00AM-11:00AM Aula 1		Numetical Methods for Complex Systems Constantinos Siettos 9:00AM-11:00AM Aula 1	Modelling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1	Modelling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1
11:00AM -		Introduction to General	Differential Geometry	Introduction to General	Numetical Methods for
11:30AM -		Relativity Salvatore Capozziello	Alessandro Zampini 11:00AM-1:00PM	Relativity Salvatore Capozziello	Complex Systems Constantinos Siettos
12:00PM -		11:00AM-1:00PM Aula 1	Aula 1	11:00AM-1:00PM Aula 1	11:00AM-1:00PM Aula 1
12:30PM -					
1:00PM - 1:30PM -					
2:00PM -	Dynamics of Network	Dynamics of Network	Dynamics of Network	SSM Colloquia	
2:30PM -	Systems in Science and Technology	Systems in Science and Technology	Systems in Science and Technology	2:00PM-3:30PM	
3:00PM -	Francesco Bullo 2:00PM-4:30PM Aula 1	Francesco Bullo 2:00PM-4:30PM Aula 1	Francesco Bullo 2:00PM-4:30PM Aula 1		
3:30PM -					
4:00PM -					
4:30PM - 5:00PM -					



Timetable: 29th-3rd December 2021

9:00AM -	Monday I	Tuesday I	Wednesday	Thursday	Friday
9:30AM -	Differential Geometry Alessandro Zampini	Modeling Complex Systems Mario di Bernardo	Numetical Methods for Complex Systems	Modeling Complex Systems Mario di Bernardo	
L0:00AM -	9:00AM-11:00AM Aula 1	9:00AM-11:00AM Aula 1	Constantinos Siettos 9:00AM-11:00AM Aula 1	9:00AM-11:00AM Aula 1	
L0:30AM -					
l1:00AM -		Introduction to General	Differential Geometry	Introduction to General	
l1:30AM -		Relativity Salvatore Capozziello 11:00AM-1:00PM	Alessandro Zampini 11:00AM-1:00PM	Relativity Salvatore Capozziello 11:00AM-1:00PM	
12:00PM -	Numetical Methods for Complex Systems	11:00AM-1:00PM Aula 1	Aula 1	Aula 1	
12:30PM -	Constantinos Siettos 12:00PM-2:00PM				
1:00PM - 1:30PM -	Aula 1				
2:00PM =					
2:30PM -				SSM Colloquia 2:00PM-3:30PM	
3:00PM -					
3:30PM -					
4:00PM -					
4:30PM -					
5:00PM -					+



Timetable: 6th-10th December 2021

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM - 9:30AM - 10:00AM - 10:30AM -	9:00AM-11:00AM			Modelling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1	Modelling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1
11:00AM - 11:30AM - 12:00PM - 12:30PM -	Numetical Methods for Complex Systems Constantinos Siettos	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1		Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	
1:00PM - 1:30PM - 2:00PM - 2:30PM -	12:00PM-2:00PM Aula 1			SSM Colloquia 2:00PM-3:30PM	
3:00PM - 3:30PM - 4:00PM - 4:30PM -	Introduction to complex networks' structure and dynamics Stefano Boccaletti	Introduction to complex networks' structure and dynamics Stefano Boccaletti 3:00PM-6:00PM Aula 1		Introduction to complex networks' structure and dynamics Stefano Boccaletti	Introduction to complex networks' structure and dynamics Stefano Boccaletti 3:00PM-6:00PM Aula 1
5:00PM - 5:30PM - 6:00PM -	4:00PM-6:00PM Aula 1			4:00PM-6:00PM Aula 1	-



Timetable: 13th-17th December 2021

0.00444	Monday	Tuesday	Wednesday	Thursday	Friday
9:00AM - 9:30AM - 10:00AM - 10:30AM -	Differential Geometry Alessandro Zampini 9:00AM-11:00AM Aula 1		Numetical Methods for Complex Systems Constantinos Siettos 9:00AM-11:00AM Aula 1	Modeling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1	Modeling Complex Systems Mario di Bernardo 9:00AM-11:00AM Aula 1
11:00AM - 11:30AM - 12:00PM - 12:30PM -	Numetical Methods for Complex Systems Constantinos Siettos	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	Differential Geometry Alessandro Zampini 11:00AM-1:00PM Aula 1	Introduction to General Relativity Salvatore Capozziello 11:00AM-1:00PM Aula 1	
1:00PM - 1:30PM -	12:00PM-2:00PM Aula 1				
2:00PM - 2:30PM - 3:00PM -				SSM Colloquia 2:00PM-3:30PM	
3:30PM - 4:00PM -					
4:30PM -					