26 April 2021 - 30 April 2021

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

03 May 2021 - 07 May 2021

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

10 May 2021 - 14 May 2021

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

17 May 2021 - 21 May 2021

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

24 May 2021 - 28 May 2021

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

31 May 2021 - 4 June 2021

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

7 June 2021 - 11 June 2021

	Monday	Tuesday	Wednesday	Thursday	Friday
09:00			Earthquake Early Warning	Earthquake Early Warning	
09:30				Systems: Concept, Methods	
			and Technologies (Zollo)	and Technologies (Zollo)	
10:00					
10:30					
11:00			An Introduction to (Multi-		An Introduction to (Multi-
11.00			Agent) Reinforcement		All introduction to (Multi-
11:30			Learning for Complex		Learning for Complex
12:00			Systems Analysis and Data		Systems Analysis and Data
			Driven Control - Part II		Driven Control - Part II
12:30			(Russo)		(Russo)
13:00	-			<u>, </u>	
13:30					
				-	•
14:00				SSM Scientific Colloquium	
14:30					
15:00					
15:30					
16:00					
16:30	,				
17:00	Agent) Reinforcement Learning for Complex				
47.20	·				
17:30	Driven Control - Part II				
	(Russo)				•
	,				

14 June 2021 - 18 June 2021

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

Courses

An Introduction to (Multi-Agent) Reinforcement Learning for Complex Systems Analysis (Musolesi)

An Introduction to Data Driven Control (Russo)

Earthquake Early Warning Systems: Concept, Methods and Technologies (Zollo)

Fundamentals of Natural Hazard Forecasting (Marzocchi)

Performance-Based Risk Analysis (Iervolino)

Risk Analysis, Assessment and Management: Why, What and How (Pasman)

Short-Term Earthquake and Eruption Forecasting (Marzocchi)

Short-Term Forecasting of Heavy Hydrological Events (Urciuoli)

SSM Scientific Colloquium

Stochastic Differential Equations and Singular Stochastic Control (Chiarolla/De Angelis)