

MERC Area: Courses from 26th April to 18th 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**
 - [Course: An Introduction to \(Multi-Agent\) Reinforcement Learning for Complex Systems Analysis](#)
Lecturer: Prof. Mirco Musolesi
Hours: 6
 - [Seminar lectures: 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**