

Third quarter courses at Scuola Superiore Meridionale

MPHS area

- [Physics of matter from the zepto-scale to the macro-scale](#)
Lecturer: Prof. Marrucci, Prof. Ambrosino, Prof. Fazio
Email: lorenzo.marrucci@unina.it, Fabio.Ambrosino@na.infn.it, rosario.fazio@unina.it
Teaching mode: in-person (Aula 1) | Hours: 24
Team code: 88m1u9q
Start date: 07 March 2022 | 6-week course duration
Course days: Tuesday – Thursday 11h-13h
Note: there will be no lesson on 22 March

SPACE area

- [Introduction to Cosmology](#)
Lecturer: Prof. Matarrese
Email: sabino.matarrese@pd.infn.it
Teaching mode: online | Hours: 24
Team code: 8cgxwel
Start date: 14 March 2022
Course days: Monday -Wednesday 9h-11h
Note: there will be no lessons on 18/04 and 25/04 due to a national holiday.
- [Introduction to Astrophysics](#)
Lecturer: Prof. Della Valle
Email: massimo.dellavalle@inaf.it
Teaching mode: online | Hours: 24
Team code: mjkjfwz
Start date: 28 March 2022
Course days: Monday 14h-16h and Tuesday 9h-11h
Note: there will be no lessons on 18/04 and 25/04 (due to a national holiday) and 2-3/05
- [Introduction to Deep Learning](#)
Lecturer: Prof. Poggi and Dr. Gragnaniello
Email: poggi@unina.it , diego.gragnaniello@unina.it
Teaching mode: online | Hours: 24
Team code: kj13pgl
Start date: 14 March 2022
Course days: Monday 11h-13h and Wednesday 13h-15h
Note: there will be no lessons on 18/04 and 25/04 due to a national holiday.

- **[Introduction to astro-particle and particle physics](#)**
Lecturer: Prof. Vissani
Email: francesco.vissani@Ings.infn.it
Teaching mode: in-person (Aula 1) | Hours: 24
Team code: 9cz9x96
Start date: 14 March 2022
Course days: Wednesday 15h-17h and Thursday 9h-11h

MERC area

- **[Introduction to Reinforcement Learning and Data-Driven Control for Complex Systems](#)**
Lecturer: Mirco Musolesi (with seminar lecturs by Giovanni Russo)
Email: m.musolesi@ucl.ac.uk (and giovarusso@unisa.it)
Teaching mode:
 - weeks 1, 3, 4: In person (Classroom 4 at SSM) and online on Teams
 - week 2: online on TeamsHours: 24
Team code: uvya7tk
Start date: 21 March 2022
Timetable: [Available here](#)
- **[Performance-Based Seismic Risk Analysis of Complex Infrastructural Systems](#)**
Lecturer: Iunio Iervolino
Email: iunio.iervolino@unina.it
Teaching mode: In person (Classroom 4 at SSM) and online on Teams | Hours: 24
Team code: twmhdas
Start date: 07 March 2022
Timetable: [Available here](#)
- **[Risk Analysis of Chemical Processes](#)**
Lecturers: Almerinda Di Benedetto, Roberto Andreozzi, Ernesto Salzano
Email: almerinda.dibenedetto@unina.it, roberto.andreozzi@unina.it, ernesto.salzano@unibo.it
Teaching mode: In person (Classroom 4 at SSM) and online on Teams | Hours: 25
Team code: s113v1r
Start date: 07 March 2022
Timetable: [Available here](#)