

SSM PhD Courses - Fourth bimester

Starting from 22th April 2024

CROSS-CURRICULA COURSE

MERC, MPHS and SPACE

- [Scientific Reasoning and Philosophy of Science \(in Italian\)](#)

Lecturer: Prof. Franco Garofalo

Teaching mode: in-person (Aula 4) | Hours: 24

30 April 10:00-12:00

7, 14 May 10:00-12:30

9*, 16 May 16:00-18:30

21, 23, 28 May 10:00-12:30

4 June 10-12:30

11 June 10-12

Team code: sb0vuwt

*(Aula 1)

- [Introduction to Statistical Mechanics](#)

Lecturer: Dr. Giuseppe Petrillo

Teaching mode: in-person (Aula 4) | Hours: 24

23 Apr 10:30-12:30

24, 27, 29 May 10:30-12:30

10, 31 May 14:00-16:00

14 May 14:00-16:00 (online)

16, 17 May 10:30-12:30 (online)

4, 5, 12 June 14:00-16:00

Team code: xomk7tl

MERC and MPHS

- [Theory and Applications of Delay Differential Equations](#)

Lecturer: John Hogan

Teaching mode: in-person (Aula 4) | Hours: 12

24 Apr, 2, 16 May 10:00-12:00

30 Apr, 7, 14 May 14:00-16:00

Team code: la9c436

MERC area

- [Stochastic Differential Equations](#)
Lecturer: Prof. Tiziano De Angelis
Teaching mode: in-person (Aula 4) | Hours: 24
8 May 14:00-17:00
2, 30 May 16:00-19:00
3, 9, 10 May 09:00-12:00
31 May 10:00-12:00
15, 22 May 09:30-11:30 (online)
Team code: aw0oq7d

SPACE area

- [Introduction to Astrophysics](#)
Lecturer: Guido Risaliti
Teaching mode: in-person (Aula 1) | Hours: 24
Tue 14:00-17:00, Wed 9:00-12:00 (starting May 14th)
Team code: m6bu6o6
- [Neutrino Physics Experiments](#)
Lecturer: Antonio Marinelli
Teaching mode: in-person (Aula 1) | Hours: 12
May 13, 15, 20, 22, 27, 29 15:00-17:00
Team code: c40f72a
- [Quantum black holes – part 2](#)
Lecturer: Alioscia Hama
Teaching mode: in-person (Aula 1) | Hours: 6
April 22, 24, 29 9:00 - 11:00
Team code: w1kgwnm
- [Black hole physics – part 2](#)
Lecturer: Vittorio de Falco
Teaching mode: in-person (Aula 4) | Hours: 6
June 6, 20, 27 9:00-11:00
Team code: 6gb64cw

- **Quantum field in curved space**
Lecturer: Massimo Taronna
Teaching mode: in-person (Aula 1) | Hours: 12
May 13, 16, 20, 27, 30 and June 3 10:00-12:00
Team code: 5m0ob7o
- **Relativistic positioning system from first principles**
Lecturer: Prof. Lorenzo Fatibene
Teaching mode: in-person (Aula 4) | Hours: 12
June 10, 11 14:00-17:00 and June 12, 13 9:00-12:00
Team code: 19ocsgf
- **Cosmic Distances in Astrophysics**
Lecturer: Giulia de Somma
Teaching mode: in-person (Aula 4) | Hours: 6
June 25 10:00-12:00 and 26, 27 11:00-13:00
Team code: t228g16