

Timetable		Course	Teachers	Room
Monday	9:30-11:30	Advanced instrumentation for the study of nuclear structure and reaction dynamics	Daniele Mengoni, Francesco Recchia, Kseniia Rezyunkina	315
Monday	10:30 - 12:30	Modern topics in statistical physics	Gianmaria Falasco	207
* Monday	12:30 – 14:30	Statistical methods for physics analysis	Dorigo Tommaso	315
Monday	14:30-16:30	Elements of X-ray Physics	Chiara Maurizio, Giulio Monaco, Sun Peihao	C. Voci
Monday	17:00 - 19:00	Quantum Physics with atoms and ions	Luca Salasnich	315
Tuesday	10:30 - 12:30	Statistical methods for physics analysis	Denis Bastieri, Tommaso Dorigo, Luca Stanco	315
Tuesday	14:30-16:30	Advanced Topics in Complex Networks	Manlio De Domenico, Johannes Nauta, Charley Presigny, Tomas Scagliarini	315
Wednesday	09:30-11:30	Scientific Computing for Physics Students	Alessandro Renzi	C. Voci
**Wednesday	11:30 – 13:30	Statistical methods for physics analysis	Denis Bastieri	207
Wednesday	12.30-14.30	Particle detection: from physics requirements to detector design	Serena Mattiazzo, Lorenzo Sestini, Alberto Garfagnini	315
***Wednesday	14:30 - 16:30	Observational multimessenger astrophysics	Elisa Prandini, Elisa Bernardini, Livia Conti, Chiara Sirignano	207
Wednesday	14:30 - 16:30	Introduction to topological phases of matter	Marco Di Liberto	315
Thursday	09:30-11:30	String theory, supersymmetry and supergravity	Fabio Apruzzi, Gianluca Inverso	207
Thursday	11:30 - 13:30	Dark Matter	Francesco D'Eramo, Marco Peloso, Edoardo Vitagliano	315
Thursday	14:30 - 16:30	Structured light: from principles to modern applications	Gianluca Ruffato, Filippo Romanato	207
Thursday	14:30 - 16:30	Cosmology	Sabino Matarrese	315
Friday	10:30 - 12:30	Advanced lectures in Particle Physics and Quantum Field Theory	Ramona Gröber, Paride Paradisi	207
Friday	10.00 - 12.00	An introduction to information theory for stochastic biological systems	Amos Maritan, Giorgio Nicoletti, Daniel Maria Busiello	315
Friday	11:30-13:30	An introduction to information theory for stochastic biological systems	Amos Maritan	315
Friday	15:00-17:00	Quantum tools for future scientific research	Simone Montangero	315

* Only Monday, March 17 and 24, 2025

** Only Wednesday, April 2 and 9, 2025 (April 2 room 207, April 9 room P2C)

*** Only Wednesday April 9 room P2D

Room 207, building Paolotti, Belzoni Street, n. 7

Room 315, building Paolotti, Belzoni Street, n. 7

Room C. Voci, building DFA, Marzolo Street, n. 8