

## FIRST YEAR

| Aula C3 (Aulario 2) Aula D3 (Aulario 2) Aula E3 (Aulario 2) From 2 October 2023 to 21 December 2023 |                                                                                            |                                                                                           |                                                                                            |                                                                                           |                          |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|
| Ora                                                                                                 | Monday                                                                                     | Tuesday                                                                                   | Wednesday                                                                                  | Thursday                                                                                  | Friday                   |
| 9:00-11:00                                                                                          | <b>Physics Laboratory</b><br>(Prof. F. Marzaioli & Dr. R. Buompane)                        |                                                                                           | <b>Nuclear and Subnuclear Physics</b><br>(Prof. L. Gialanella & Dr.ssa L. Morales-Gallego) | <b>Theory of Quantum Computation</b><br>(Dr. G. de Gregorio)                              |                          |
| 11:00-13:00                                                                                         | <b>Theoretical Physics</b><br>(Prof. L. Coraggio)                                          |                                                                                           | <b>Theoretical Physics</b><br>(Prof. L. Coraggio)                                          | <b>Theoretical Physics</b><br>(Prof. L. Coraggio)                                         |                          |
| 14:00-16:00                                                                                         | <b>Nuclear and Subnuclear Physics</b><br>(Prof. L. Gialanella & Dr.ssa L. Morales-Gallego) | <b>Theory of Quantum Computation</b><br>(Dr. G. de Gregorio)                              | <b>Theory of Quantum Computation</b><br>(Dr. G. de Gregorio)                               | <b>Physics Laboratory</b><br>(Prof. F. Marzaioli & Dr. R. Buompane)                       | <b>Exercise Sessions</b> |
| 16:00-18:00                                                                                         | <b>Isotope physics and methods</b><br>(Prof F. Marzaioli)                                  | <b>Quantum Electronics for atomic physics</b><br>(Prof. A.Castrillo & Prof. L. Gianfrani) | <b>Isotope physics and methods</b><br>(Prof. F. Marzaioli)                                 | <b>Quantum Electronics for atomic physics</b><br>(Prof. A.Castrillo & Prof. L. Gianfrani) | <b>Exercise Sessions</b> |

## SECOND YEAR

| Aula C3 (Aulario 2) Aula D3 (Aulario 2) Aula E3 (Aulario 2) From 2 October 2023 to 21 December 2023 |                                                   |                                                                     |                                                       |                                                   |                                                                     |
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| Ora                                                                                                 | Monday                                            | Tuesday                                                             | Wednesday                                             | Thursday                                          | Friday                                                              |
| 9:00-11:00                                                                                          |                                                   |                                                                     |                                                       | Photonics and Nanotechnologies (Prof. L. Moretti) | Microscopic Nuclear Structure (Prof. L. Coraggio e G. de Gregorio)  |
| 11:00-13:00                                                                                         |                                                   |                                                                     | SPACE ACCESS AND EARTH OBSERVATION                    |                                                   |                                                                     |
| 14:00-16:00                                                                                         | Photonics and Nanotechnologies (Prof. L. Moretti) | Modeling of complex systems (Prof. L. de Arcangelis & E. Lippiello) |                                                       |                                                   | AEROTHERMODYNAMICS AND THERMOSTRUCTURES FOR AEROSPACE               |
|                                                                                                     |                                                   |                                                                     |                                                       | Laser spectroscopy (Prof. E. Fasci)               | Laser spectroscopy (Prof. E. Fasci)                                 |
| 16:00-18:00                                                                                         | AEROSPACE PROPULSION AND PLASMA PHYSICS           | Particle Astrophysics (Dr. P. Migliozi)                             | Nuclear astrophysics (Dr. R. Buompane)                | Particle Astrophysics (P. Migliozi)               | Modeling of complex systems (Prof. L. de Arcangelis & E. Lippiello) |
|                                                                                                     | Nuclear astrophysics (Dr. R. Buompane)            | Microscopic Nuclear Structure (Prof. L. Coraggio e G. de Gregorio)  | AEROTHERMODYNAMICS AND THERMOSTRUCTURES FOR AEROSPACE | SPACE ACCESS AND EARTH OBSERVATION                | AEROSPACE PROPULSION AND PLASMA PHYSICS                             |