Phd in Materials Science and Nanotechnology

Schedule of courses 2022

1) Surface Analytical Methods: Applications to Materials Science.
   (Dr. Radicati, 1 cfu). When: January 24, 26, 31, February 2 (16.00-18.00),
   remote lectures only via Webex, links will be available on the e-learning webpage of the course.
2) Theory and modelling of epitaxy.
   (Dr. Bergamaschini, 2 cfu). When: February 1, 3, 4, 8, 11, 14, 16, 18 (14.30-16.30), Seminar room.
3) Principles of Electron Microscopy and Applications to Nanomaterials Research.
   (Dr. Vanacore, 1cfu). When: February 21, 23, 25, 28 (14.30-16.30). Seminar room.
4) Quantum effects of nano-devices and applications for the next generation of electronics and thermoelectrics.
   (Dr. Martins, 1 cfu). When: April 4-8 (14.30-16.30). Seminar room.
5) Electronic excitations in materials and in nanostructures: theoretical methods, algorithms and computer tools.
   (Prof. Botti, 1 cfu). When: March 7-11 (14.30-16.30). Seminar room.
6) **Structure-property relationships in porous crystalline materials for gas storage.**
   (Prof. Barbour, 2 cfu). When: March 14-18 and March 21-25 (14.30-16.30).
   Seminar room.
7) Summer School organized by ST microelectronics.
   When: May 9-13 (all day). Location to be defined.
8) Advanced Computational Methods: theory of rare events with applications to materials science.
   (Prof. Henkelman, 1cfu). When: May 16-20 (14.30-16.30). Seminar room.
9) Solid-state chemistry strategies for environmental sustainability and human health.
   (Prof. Ward, 1 cfu). When: June 27-30, July 1 (14.30-16.30). Seminar room.
10) Principles and applications of nano-biotechnologies.
    (Prof. Grandori, Prof. Colombo, Prof. Prospeti, Dr. Salerno, Dr Gelain; 1cfu). When: TBA