Dottorato di Ricerca in Ingegneria dell'Informazione

PhD Program in Information Engineering

DRII courses 2018

Nanoscience and Nanotechnology (12 h)

The goal of this course is to provide an introduction to nanoscience and nanotechnology, the basics of preparation of nanomaterials and their characterization, together with the use of some of the required instrumentations. This course is suitable for graduate students with various engineering backgrounds.

Introduction to nanoscience and nanotechnology 3h (Lecture: E. Comini, V. Galstyan, D. Zappa) **13 June 2018 9.30-12.30.** Aula **MTA**.

Preparation of nanowires and nanotubes 3h (Practice: V. Galstyan, D. Zappa) **13 June 2018 13.30-16.30** SENSOR Lab via Valotti 9 II floor

Surface and structural Characterization (3h) (Lecture: V. Galstyan D. Zappa) **20 June 2018 9.30-12.30.** Aula **MTA**

Surface and structural Characterization (3h) (Practice: V. Galstyan D. Zappa) **20 June 2018 13.30-16.30** SENSOR Lab via Valotti 9 II floor.