Program

(Seminar Room, Dept. of Chemical Science and Technologies)

January 27th

9:20 - 11:20 
Introduction to Nanoscience
Mariano Venanzi

11:20 - 13:20 
Nanosafety
Ariel Mariano Felipe Gómez

January 28th

9:20 - 11:20 
What can be learned in nanosciences from simulations?
Gianfranco Bocchinfuso

11:20 - 13:20 
Scanning tunneling microscopy
Manuela Scarselli

January 29th

9:20 - 11:20 
The big ideas of Nanoscience
Mariano Venanzi

11:20 - 13:20 
Introduction to Atomic Force Microscopy. Tip-surface elastic interaction: the contact mode
Ernesto Placidi

January 30th

9:20 - 11:20 
What can be learned in nanosciences from simulations?
Gianfranco Bocchinfuso

February 3rd

9:20 - 11:20 
The continuous force curve acquisition. The Peak Force tapping. Application in chemistry and biology.
Ernesto Placidi

11:20 - 13:20 
Biomanufacturing and Biomaterials for Targeted Drug Delivery in Regenerative Medicine
Antonio Rinaldi

February 4th

9:20 - 11:20 
Mechanosensitive pathways in health and disease
Giancarlo Forte

11:20 - 13:20 
Precision Medicine through programmable nucleic acid technology
Alessandro Bertucci

February 5th

9:20 - 11:20 
Nanopolymeric materials in targeting drug delivery
Lissette Aguero

11:20 - 13:20 
Self-assembly of porphyrin nanostructures
Donato Monti

February 6th

9:20 - 11:20 
Nanostructures on surface
Emanuela Gatto

11:20 - 13:20 
DNA-based nanodevices
Francesco Ricci

February 7th

9:20 - 11:20 
Adding infrared spectroscopic capabilities to scanning probe microscopy
Leonetta Baldassarre

11:20 - 13:20 
Raman spectroscopy of nanomaterials
Silvia Orlanducci