



V Scuola Nazionale Biosensori Ottici e Biofotonica

June 3 - 7, 2024 – Lecce

Program

Monday 3 June 2024

12:30-14:30	Registration and welcome reception
14:30-15:15	Ambra Giannetti <i>Molecular recognition elements for biosensing: principles and applications</i>
15:30-16:15	Francesco Baldini <i>Absorption/fluorescence vs label-free: principles and applications to chemical and biochemical sensors</i>
16:30-17:15	Genni Testa <i>Microfluidics and Optofluidics: Fundamentals and applications</i>
17:30-20:00	Team activity

Tuesday 4 June 2024

09:00-09:45	Maria Grazia Manera “Plasmonics and Plasmon-enhanced phenomena for Optical Nanosensors: Fundamentals and Applications”
10:00-10:45	Francesco Ricci “DNA Nanotechnology for bio-sensing applications”
11:00-11:30	Coffee break
11:30-12:15	Raffaele Velotta “Plasmonic nanoparticles for biosensing”
12:30-14:00	Lunch break
14:00-14:45	Ranieri Bizzarri “Optical microscopy as a multiscale sensing platform”
15:00-15:45	Luisa Torsi “Point-Of-Care Ultra-Portable Single-Molecule Bioassays for One-Health”
16:00-20:00	Team activity

Wednesday 5 June 2024

09:00-09:45	Fabrizio Giorgis “Raman and SERS spectroscopy: fundamentals and applications to biological assays and agri-food systems”
10:00-10:45	Ilaria Rea “Hybrid nanoplatforms for biomedicine”
11:00-11:30	Coffee break
11:30-12:15	Andrea Cusano “Lab on fiber Technology: towards theranostic tools for Precision Medicine ”
12:30-14:00	Lunch break
14:00-20:00	Social event and school dinner

Thursday 6 June 2024

09:00-09:45	Anna Chiara De Luca <i>“Advances in Raman spectroscopy and imaging for biomedical research”</i>
10:00-10:45	Pietro Gucciardi <i>“Contactless detection and chemical identification of micro and nano plastics trapped with light and sound in portable devices.”</i>
11:00-11:35	Coffee break
11:30-12:15	Giuseppe Barillaro <i>“Nanostructured implantable optical sensors for in vivo tracking of analytes of clinical interest”</i>
12:30-14:00	Lunch break
14:00-14:45	Luca De Stefano <i>“Flexible optical biosensors”</i>
15:00-15:45	Alessandro Sannino <i>Start up</i>
16:00-20:00	Team activity

Friday 7 June 2024

09:00-11:00	Team-work presentation
11:00-11:30	Coffee break
11:30-12:30	Award session
12:30-14:00	Lunch break