



French – Italian Workshop on Chemical Sensors and Biosensors

Firenze, Villa Ruspoli

31 May – 1 Jun, 2018

Programme

31 May

14:00 Corrado Di Natale
Università di Roma Tor Vergata
Christophe Pijolat
Ecole de Mines, St. Etienne
Giovanna Marrazza
Università di Firenze
Introduction and housekeeping

First session

14:15 Philippe Menini
LAAS, Toulouse
Micro-nanotechnologies and chemical sensors in LAAS-CNRS

14:35 Girolamo Di Francia
ENEA, Portici (Napoli)
From materials to in-field applications: recent research activities on chemical sensors in ENEA

14:55 Pietro Siciliano
CNR-IMM, Lecce
From Materials and Sensors Development to Multifunctional Smart-Systems Integration

15:15 H el ene Debeda
CNRS-IMS, Bordeaux
Toward autonomous air quality sensor using printed resonant piezoelectric cantilever

15:35 Corrado Di Natale
Universit  di Roma Tor Vergata
Porphyrinoids based chemical sensors

15:55 COFFEE BREAK

Second Session

16:30 Nicole Jaffrezic
CNRS-ISA, Villeurbanne
Nanomaterials for biosensing amplification

16:50 Dario Compagnone
Universit  di Teramo
Electrochemical and gas sensors for food quality and safety at the University of Teramo

17:10 Emmanuel Scorsone
CEA, Saclay
Recent developments on synthetic diamond based (bio)chemical sensors at CEA-LIST

17:30 Giovanna Marrazza
Universit  di Firenze
Recent advances in polymer-based (bio)sensors

20:00 DINNER



1 June

Third Session

- 8:30 Giovanni Neri
Università di Messina
Metal oxides-based chemical sensors: from material development to devices
- 8:50 Marc Bendahan
Université de Aix-Marseille
Development of MOX micro-sensors for health and air quality monitoring
- 9:10 Lionel Presmanes
Université de Toulouse
Ga doped ZnO thin films deposited by magnetron sputtering for CO₂ detection
- 9:30 Giorgio Sberveglieri
Università di Brescia
Metal oxide nanowires gas sensor and their integration into a sensor system for food safety applications
- 9:50 Jean-Paul Viricelle
Ecole de Mines, St. Etienne
Sensors for exhaust : Soot and Nox

10:10 COFFEE BREAK

Fourth session

- 10:45 Leandro Lorenzelli
Fondazione B. Kessler, Trento
Microtechnologies for Safety and Security in Milk
- 11:05 Sabrina Conoci
ST Microelectronics, Catania
Platform for Advanced Driver Assistance System in Next Generation Cars: DADSS+
- 11:25 Franck Baco-Antoniali
Axel'One, Solaize
Axel'one Analysis, the bridge between instrumentalists and industrial end-users
- 11:45 Caroline Vigreux
CNRS Montpellier
From the study of Ge-Se-Te ternary system films to optical micro-sensors for precision viticulture
- 12:05 Francesco Baldini
CNR-IFAC, Firenze
POCT and optics: a successful marriage

12:25 LUNCH

Fifth session

- 13:30 ALL
Discussion and future actions
- 14:00 Corrado Di Natale
Università di Roma Tor Vergata
Christophe Pijolat
Ecole de Mines, St. Etienne
Final Remarks and workshop close