

## Programma Scientifico

### Domenica 14 Settembre

- 17:00-20:00 **Registrazione**  
20:00 **Ricevimento di Benvenuto** presso il Rettorato dell'Università del Salento (Piazza Tancredi, 7)

### Lunedì 15 Settembre

- 8:30-9:00 **Registrazione**  
9:00-9:30 **Benvenuto** da parte della Prof.ssa Silvia Licoccia (*Presidente AICIng*), Prof. Vincenzo Zara (*Rettore Università del Salento*), Prof. Giuseppe Vasapollo (*Coordinatore del Comitato Organizzatore*)

**Chairman: Prof.ssa Silvia Licoccia**

- 9:30-10:15 **Conferenza Plenaria Prof. Giuseppe Vasapollo: "From Molecules to Materials"**  
10:15-10:35 **Conferenza Premio Tesi Dottorato 2014 Dott. Matteo Gigli: "Novel etheroatom containing polyesters for biomedical and environmental applications"**

- 10:35-11:00 Coffee break

**Chairman: Prof.ssa Marta Feroci**

- 11:00-11:15 **Fabio Ganazzoli: Simulazione atomistica dello stadio di nucleazione dell'aggregazione in soluzione di ciclodestrine anfifiliche**  
11:15-11:30 **Marco Urbini: Identification and spatial distribution of putative markers in human inflamed and precancerous colon tissues using cluster secondary ion mass spectrometry and multivariate analysis**  
11:30-11:45 **Alberto Rainer: New technologies to study the interplay between cancer stem cells and the immune system**  
11:45-12:00 **Alois Bonifacio: Nanotechnology, metals and biomolecules: applications of Au and Ag nanoparticles as sensors in biomedicine**  
12:00-12:15 **Ermelinda Bloise: Preparation of novel hybrid materials containing bioactive compounds embedded in cardanol-based vesicular nanodispersions**  
12:15-12:30 **Francesca Baldassarre: Innovative spray-drying synthesis of stable calcium carbonate nanoparticles as anticancer drugs delivery systems**  
12:30-12:45 **Paola Paoli: Selective binding of calcium vs. magnesium in water by a preorganized metal containing receptor. biological activity of selected metal complexes**

12:45 Pranzo

**Coordinatore Prof. Leonardo Palmisano**

15:00 **Tavola Rotonda:** *Sviluppo della cultura scientifica e tecnologica: prospettive e criteri di valutazione della didattica.*

Relatori: **Alberto Felice De Toni** ( Rettore Università degli Studi di Udine)  
**Vincenzo Zara** ( Rettore Università del Salento)  
**Silvia Licoccia** (Presidente AICIng)  
**Massimo Castagnaro** (Professore presso l'Università di Padova, Nucleo di Valutazione ANVUR)

16:30 Coffee break

17:00-19:00 Sessione Poster

20:00 **Cena Sociale**

## Martedì 16 Settembre

**Chairman: Prof. Giuseppe Mele**

9:00-9:45 **Conferenza Plenaria Prof. Leonardo Palmisano:** *Photocatalysis for green synthesis*

9:45-10:00 **Pietro Argurio:** *Synthesis of phenol by means of benzene hydroxylation and its recovery in membrane contactors*

10:00-10:15 **Giuseppe Marcì:** *Riduzione fotocatalitica di CO<sub>2</sub> in presenza di catalizzatori compositi GaP/TiO<sub>2</sub>*

10:15-10:30 **Manuela Stefanelli:** *Functionalized corroles: structural modifications for a specific application*

10:30-10:45 **Sara Nardis:** *Porphyrin and Zn oxide: a marriage for smart chemical sensors*

10:45-11:00 **Walter Navarrini:** *Photoabatement of water pollutants in turbid suspensions by means of photoactive fluorinated transparent coatings*

11:00-11:30 Coffee break

**Chairman: Prof. Leonardo Palmisano**

11:30-12:15 **Conferenza Plenaria Prof. Valter Sergo:** *Fasi e tensioni: un approccio spettroscopico*

12:15-12:30 **Daniele Dondi:** *Production of graphenes from Kraft lignin pyrolysis*

12:30-12:45 **Candida Milone:** *Catalytic growth of engineered CNT structures*

12:45-13:00 **Marianna Fazio:** *Novel method for the synthesis of nano-sized zeolite*

13:00 Pranzo

**Chairman: Prof.ssa Roberta Del Sole**

- 15:00-15:20 **Conferenza Premio Tesi Dottorato 2014 Dott.ssa Natascia Grimaldi:** *"E-beam crosslinked PVP-based nanogels as building blocks for the assembly of tumor-target nanodevices"*
- 15:20-15:35 **Guido Saracco:** *Nanocompositi polimerici termicamente conduttivi a base di nano-lamelle di grafene*
- 15:35-15:55 **Federica Mandoj:** *Modified porphyrinoids as functional materials*
- 15:55-16:10 **Barbara Mecheri:** *Enhancing electrocatalytic oxygen reduction on pt-free electrocatalysts in microbial fuel cells*
- 16:10-16:25 **Vito Gallo:** *On the relationship between <sup>195</sup>Pt chemical shift and the structural features of Pt coordination compounds*
- 16:25-16:40 **Agostina L. Capodilupo:** *Synthesis and application of organic dyes for DSSCs*
- 16:40-17:00 Coffee break
- 17:00 Assemblea dei Soci
- 20:00 **Cena Sociale**

**Mercoledì 17 Settembre**

**Chairman: Prof. Giuseppe Ciccarella**

- 9:00-9:20 **Conferenza Premio Tesi Dottorato 2014 Dott.ssa Alessandra Vitale:** *Novel photopolymers and innovative technologies for the fabrication of microfluidic devices*
- 9:20-9:35 **Maria Michela Dell'Anna:** *Catalytic activity of recyclable polymer supported palladium nanoparticles in oxidation and hydrogenation reactions in aqueous medium*
- 9:35-9:50 **Alberto Zeffiro:** *Alfalfa stems hydrolysis for sugars production*
- 9:50-10:05 **Francesco Mauriello:** *Palladium-rush in bio-transfer hydrogenolysis reactions*
- 10:05-10:20 **Lucia Mergola:** *Developments of new Hg(II)-imprinted polymer beads: adsorption performances and morphological characterizations*
- 10:20-10:45 **Conclusioni e Saluti**
- 10:45 Coffee break
- 11:00 Partenza per la città di Otranto

