



UNIVERSITÀ
DEGLI STUDI DI TRIESTE



Università
Ca' Foscari
Venezia

2° Workshop del Dottorato Interateneo in Chimica
30 giugno – 1 luglio 2016
Università degli Studi di Trieste
Dipartimento di Scienze Chimiche e Farmaceutiche
Aula Magna
Via Licio Giorgieri 1

Programma del 30 Giugno 2016

13:00

Inizio registrazione dei partecipanti

14:00 **Apertura lavori**

Prof. Mauro Stener

Coordinatore del Dottorato interateneo in Chimica,
Università degli Studi di Trieste

Prof. Maurizio Selva

vice-Coordinatore del Dottorato interateneo in Chimica,
Università Ca' Foscari Venezia

Prof. Silvano Geremia

Direttore del Dipartimento di Scienze Chimiche e Farmaceutiche,
Università degli Studi di Trieste

Prof. Salvatore Daniele

Direttore del Dipartimento di Scienze Molecolari e Nanosistemi
Università Ca' Foscari Venezia

Prof. Maurizio Fermeglia

Rettore dell'Università di Trieste

14:15 **Conferenza**

prof. Fabrizio Cavani

Dipartimento di Chimica Industriale "Toso Montanari", Università Degli Studi di Bologna
Bio-alcohols to chemicals by heterogeneous catalysis: the ethanol-to-butadiene process

15:15 **Presentazioni dei dottorandi del XXX ciclo**

Giulia Gheno, UniVe

Photoluminescent Lanthanide Complexes and Cultural Heritage.

Martina Zuena, UniVe

Study of calcium alkoxides as new conservation product for consolidation of historical limestone.

Nicola Quadri, UniTs

Two-Electron integrals calculation in a multi-centric B-splines basis set

Laura Fusco, UniTs

Effects of graphene and graphene oxide on skin HaCaT keratinocytes

Carmine Lops, UniTs

Development of a catalytic and stereoselective Darzens reaction

16:30 **Coffee break**

17:00 **Conferenza**

prof. **Moreno Meneghetti**

Dipartimento di Scienze Chimiche, Università degli Studi di Padova

Efficient targeting of cell 'signals' and cell selection in biological fluids with plasmonic/superparamagnetic nanostructures produced with a green approach.

18:00 **Presentazioni dei dottorandi del XXX ciclo**

Francesco Rigodanza, UniTs

Perylene Bisimides: new synthesis and applications to bring an old material into a new era

Elena Baracchini, UniTs

Counting, sampling and characterization of submicron and ultrafine atmospheric particles in proximity of an integrated steel plant

Adelja Baimukhambetova, UniVe, in cotutela con l'Università di Astrakhan

Characterization and antibacterial properties of some plants of the Asteraceae family

18:45 **Presentazioni XXIX ciclo del dottorato in Chimica di Trieste**

Matteo Monai, UniTs

Design of Nanostructured Materials for Catalytic Applications

Maria Eugenia De Arana Sarabia, UniTs

The excess sludge production during the wastewater treatment: Sludge reduction by biological processes.

19:15 **Chiusura della prima giornata e cena libera**

Programma del 1 Luglio 2016

9:00 Presentazioni dei dottorandi del XXXI ciclo

Agnese Amati, UniTs

Assembly of 3D metalloporphyrin structures with new bridging ligands

Marco Cespugli, UniTs

catalysis for smart renewable polyesters

Gregorio Bonazza, UniVe

Voltammetric Behavior of Irinotecan in Acetonitrile at a Glassy Carbon Electrode, and Evaluation of Experimental conditions for its detection at sub-micromolar levels.

Thomas Scattolin, UniVe

Purine-Based Carbene Complexes: Synthesis and Biomedical Applications.

Francesca Sibilla, UniVe

Reactivity of Half-Sandwich Complexes with Azines.

Evelina Parisi, UniTs

Self -assembly of heterochiral tripeptides into nanostructural hydrogels

Massimo Tosolini, UniTs

Transition Metal Complexes with bis-Phosphine Ligands as Anion Transporters across Biological Membranes

Simone Cailotto, UniVe

New syntheses of carbon dots for drug delivery

Lodovico Agostinis, UniVe

Study of new cross-linking agents and their application.

10:30 coffee break

11:00 Presentazioni dei dottorandi del XXX e XXXI ciclo

Martina Tommasini, UniTs

Fluorescent Molecularly Imprinted Polymers as sensors for Anticancer Drug Monitoring

Emanuele Verga Falzacappa, UniVe

Research and development of atmospheric plasma assisted surface functionalisation of biomedical materials.

Enrico Pontoglio, UniVe

Titania doped carbon nanoparticles for advanced oxidation systems.

Khohinur Hossain, UniVe

Study and development of Zirconium Oxide nanomaterials for bio-medical applications.

Mauro Buzzo, UniTs

Analytical aspects of Therapeutic Drug Monitoring: development and validation of a HPLC-MS/MS method for the quantification of sunitinib and its metabolite SU12662 in human plasma

Lucia De Stefano, UniTs

Peptidylprolyl cis/trans isomerase, NIMA-interacting 1 (Pin1) as new candidate oncogene in ovarian cancer: functional characterization and implications in molecular pathways

Anna Del Tedesco, UniVe

*Development of nanomaterials to optimize drug therapy in cancer patients:
Functionalization of Mesoporous Nanoparticles based on Zirconia*

Concetta Russo Spena, UniTs

Pin1 protein: a druggable target in high grade serous ovarian cancer

Lucia Scarabel, UniTs

Prognostic role of HLA-G polymorphisms in regulatory 3'UTR region in mCRCTBA

Anggy Lusanna Gutierrez Ortiz, UniTs

Coumaroylquinic Acids in Coffee Manufacturing: Sensing Systems and Profiling

Ana Oreski, UniTs

Coffee Terpenes: Extraction and Selection of Functional Monomers

13:05 **Conclusioni e fine lavori**