

## 15 Giugno 2017

### 11:00 **saluti ai partecipanti**

Prof. **Mauro Stener e Maurizio Selva**  
Coordinatore e vice-Coordinatore del Dottorato interateneo in  
Chimica, Università Ca' Foscari Venezia

Prof. Salvatore Daniele  
Direttore DSMN, Università Ca' Foscari Venezia

Prof. **Silvano Geremia**  
Direttore DSCF, Università degli Studi di Trieste

Prof. **Achille Giacometti**  
Prorettore alla Ricerca, Università Ca' Foscari Venezia

Prof. **Francesco Zirpoli**  
Delegato del Rettore ai Dottorati di Ricerca, Università Ca' Foscari

11:15 **conferenza**  
**prof. Flavio Maran, Università degli studi di Padova**  
*Molecular Gold Nanoclusters*

### presentazioni dei dottorandi del XXX ciclo

12:15 **Alberto Olivo, UniVe**  
*Looking at the bigger picture: reaction environment effect on CO<sub>2</sub> photoreduction*

12:30 **Elena Baracchini, UniTs**  
*Permeability of MnFe<sub>2</sub>O<sub>4</sub> nanoparticles through meningeal membranes*

12:45 **Martina Zueno, UniVe**  
*Study of calcium alkoxides as new solution for the consolidation of decayed limestone*

13:00 **Giulia Gheno, UniVe (a porte chiuse)**  
*Photoluminescent materials as marker for Cultural Heritage*

13:15 **pranzo libero**

### presentazioni dei dottorandi del XXX ciclo

14:15 **Ana Oreski, UniTs**  
*Imprinted polymers for coffee terpenes*

14:30 **Anggy Gutierrez Ortiz, UniTs**  
*Profile of pCoumaroylquinic Acids in Coffee Manufacturing*

14:45 **Nicola Quadri, UniTs**  
Time dependent photoionization processes calculation in a multi-centric B-splines basis set

15:00 **Inmaculada Jennifer Gomez Perez, UniTs**  
*New NanoCarriers based on Carbon NanoDots: from Synthesis to Biomedical Application.*

15.15 **Francesco Rigodanza, UniTs**  
*Synthesis of novel metal-free photosensitizers: from molecules to nanostructures*

15:30 **Marta Da Pian, UniVe**  
*Pillararenes: a mechanistic study of a cation templated synthesis and catalytic applications in reactions occurring in organic media*

15:45 **coffee break**

### presentazioni dei dottorandi del XXX ciclo

16:15 **Manuel Vazquez Sulleiro, UniTs**  
*Covalent functionalization of graphene on substrate for different device architectures*

16:30 **Lisa Cattelan, UniVe**  
*Green reactions and technologies for biomass valorisation*

16:45 **Carmine Lops, UniTs**  
*Development of organocatalytic and stereoselective reactions*

17:00 **Federica Battistin, UniTs**  
*Water-soluble neutral PTA derivatives of Ru(II)-carbonyl complexes: synthesis and characterization*

17:30 **conclusione della prima giornata**

## 16 Giugno 2017

9:30 **conferenza**  
**Prof.ssa Elsje Alessandra Quadrelli, CNRS CPE Lyon**  
*Energy and green chemistry through the prism of N<sub>2</sub> and CO<sub>2</sub> chemical utilizations*

### presentazioni dei dottorandi del XXXI e del XXXII ciclo

10:30 **Francesca Sibilla, UniVe**  
*Preparation of Azine and Diazoalane Complexes of Osmium and Iridium*

10:40 **Mauro Buzzo, UniTs**  
*Development of a HPLC-MS/MS method for the quantification of imatinib and its main metabolite N-desmethyl imatinib in human plasma*

10:50 **Thomas Scattolin, UniVe**  
*Synthesis and applications of Pd(II) purine-based carbene complexes*

11:00 **coffee break**

### presentazioni dei dottorandi del XXXI e del XXXII ciclo

11:30 **Anna Dall'Anese, UniTs**  
*Effect of the  $\alpha$ -diimine skeleton in Palladium-catalyzed copolymerization reactions*

11.40 **Roberto Sole, UniVe**  
*Synthesis of bioactive compound for the modification of natural biopolymers*

11:50 **Evelina Paris, UniTs**  
*Supramolecular Hydrogels of Heterochiral Tripeptides*

12:00 **Maria Sole Zalaffi, UniVe**  
*Advanced nanomaterials and nanoparticles for electrochemical and SERS applications*

12:10 **Elena Pavoni, UniTs**  
*Isolation of trace metals fractions (particulate, colloidal and truly dissolved) in estuarine waters using ultrafiltration technique*

12:20 **Anna Del Tedesco, UniVe**  
*Development of nanomaterials to optimize drug therapy in cancer patients: Modification of Mesoporous Nanoparticles based on Zirconia*

12:30 **Lucia De Stefano, UniTs**  
*Peptydylprolyl cis/trans isomerase, NIMA-interacting 1 (Pin1) as new candidate oncogene in ovarian cancer: characterization and implication in molecular pathways*

12:40 **Gregorio Bonazza, UniVe**  
*Detection of Irinotecan in Plasma Samples. An approach based on Combination of Differential Pulse Voltammetry and Scanning Electrochemical Microscopy*

12.50 **Concetta Russo Spena, UniTs**  
*Pin1 protein: a druggable target in high grade serous ovarian cancer*

13:00 **Lucia Scarabel, UniTs**  
*Prognostic and predictive role of human leukocyte antigen-g (HLA-G) polymorphisms in regulatory 3' untranslated region (3'UTR) in metastatic colorectal cancer (mCRC)*

13:10 **pranzo libero**

### presentazioni dei del XXXI e del XXXII ciclo

14:20 **Martina Tommasini, UniTs**  
*Molecularly Imprinted Polymers as sensors for Irinotecan and Imatinib detection*

14:30 **Emanuele Verga Falzacappa, UniVe**  
*Research and development of atmospheric plasma assisted surface functionalization of biomedical materials*

14:40 **Debora Zanolla, UniTs**  
*Mechanochemical activation of Praziquantel in a vibrational mill*

14:50 **Khohinur Hossain, UniVe**  
*Functionalization of Mesoporous Zirconia Nanoparticles with Bis-Phosphonic Acids for Successful Tailoring of the Surface Properties: In Depth Investigation of the Process*

15:00 **Gustavo Correia Ribeiro, UniTs**  
*Photoinduced energy and electron transfer processes at liquid-liquid interfaces*

15.10 **Elisa Casagrande, UniVe**  
*Synthesis and characterization of Bismuth oxide nanoparticles*

**presentazioni dei dottorandi del XXXI e del XXXII ciclo**

15:20 **Alessandro Bellè, UniVe**

*Multiphase systems for the upgrading of bio-based molecules*

15:30 **Giacomo Berton, UniVe**

*triphenylenes for supramolecular applications*

15:40 **Agnese Amati, UniTs**

*Hetero-metallic discrete systems assembled from Zn(II)-porphyrin metallacycles and clathrochelate metal-containing ligands*

15:50 **Simone Cailotto, UniVe**

*Synthesis of Carbon dots for a drug delivery system*

16:00 **coffee break**

**presentazioni dei dottorandi del XXXI e del XXXII ciclo**

16:30 **Michele Cacioppo, UniTs**

*Synthesis of nitrogen-doped carbon nanodots and their application as functional material*

16:40 **Marco Cespugli, UniTs**

*Developments of bioinformatics tools for in silico analysis of promiscuous biocatalysts to be applied in bio-based chemistry*

16:50 **Cristina Pizzolitto, UniVe**

*From Biomass to Energy. Development of heterogeneous catalysts for biomass conversion*

17:00 **Caterina Deganutti, UniTs**

*Overexpression and purification of P4-ATPases from *S.cerevisiae**

17:10 **Irene Marcovich, UniTs**

*Structural study of the translocase Wzx responsible for the transfer of lipid-linked oligosaccharides through the bacterial membrane*

17:20 **Massimo Tosolini, UniTs**

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

17:30 **Kurbasic Marina, UniTs**

*Heterochiral short peptides for self-assembly into antimicrobial hydrogels*

17:40 **conclusioni**



# 3° Workshop del Dottorato Interateneo in Chimica

15 - 16 Giugno 2017

Università Ca' Foscari Venezia  
Aula Padoan  
San Sebastiano DD 1686  
Venezia