

Friday June 28th 2019

**Room Giorgio Padoan, San Sebastiano**

9.00 - 9.45 **Conference**

**Prof. Anna Maria Papini**

Dipartimento di Chimica "Ugo Schiff" Università degli Studi di Firenze

*A « Chemical Reverse Approach » to develop efficient and reliable peptide-based diagnostics for immune-mediated diseases*

9:45 – 10:25 **presentations - students of the 3<sup>rd</sup> year**

**Elena Pavoni, UniTs**

*Trace elements in estuarine environments: mixing, partitioning and accumulation processes*

**Roberto Sole, UniVe**

*Synthesis and characterization of NN,NS-complexes and their use for the catalytic valorisation of biomasses*

10:25 – 10:50 **coffee break**

10:50 – 12.10 **presentations - students of the 3<sup>rd</sup> year**

**Marina Kurbasic, UniTs**

*Heterochiral Short Peptides for Self-Assembly into Antimicrobial Hydrogels*

**Cristina Pizzolitto, UniVe**

*Development of heterogeneous catalysts for fuel and chemicals production*

**Caterina Deganutti, UniTs**

*Membrane proteins: the eukaryotic P-IV ATPase Neo1 and the prokaryotic polymerase Wzy*

**Giacomo Berton, UniVe**

*triphenylenes for supramolecular applications*

12:10 – 12:20 **Concluding remarks**

12:30 **Meeting of Consiglio dei Docenti**



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE



Università  
Ca' Foscari  
Venezia

**Organizing Committee**

**Prof. Barbara Milani**

**Prof. Alessandro Scarso**

**Dr. Francesca Guidi**

**Venue**

**Room Giorgio Padoan**

**Sede di San Sebastiano, Dorsoduro 1686,  
Campo San Sebastiano, 30123 Venezia**



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE



**5<sup>th</sup> Workshop  
of the Joint  
Doctoral Program  
in Chemistry**

**June 26<sup>th</sup>-28<sup>th</sup> 2019**

**Room Giorgio Padoan  
San Sebastiano  
Venezia**

Wednesday June 26<sup>th</sup> 2019

**Room Giorgio Padoan, San Sebastiano**

14:00 **Welcome opening**

14.15 - 15.00 **Conference**

**Prof. Martin Albrecht**

Dept. Chemie und Biochemie, Universität Bern

*N-heterocyclic carbenes: game changer in homogeneous catalysis — even with Earth-abundant metals*

15:00 – 16:00 **presentations- students of the 2<sup>nd</sup> and 3<sup>rd</sup> year**

**Anna Dall'Anese, UniTs**

*Pd(II)-catalyzed functionalized polyolefin synthesis: acrylate in chain*

**Vincenzo Lombardi, UniVe**

*immobilization and adsorption of enzymes on functionalized silica micro and nanoparticles*

**Alessio Vidal, UniTs**

*New Ru(II)-based metallocycles of porphyrins*

16:00 – 16:30 **coffee break**

16:30 – 17:50 **presentations - students of the 1<sup>st</sup> year and 2<sup>nd</sup> year**

**Marco Medves, UniTs**

*Optical properties of Monolayer Protected Clusters: the role of ligand, staples and the inner metallic core*

**Luca Pietrobon, UniVe**

*Synthesis of Acrylates from CO<sub>2</sub> and Ethylene*

**Ottavia Bellotto, UniTs**

*Enzyme-Assisted Peptide Assembly*

**Matteo Mauceri, UniVe**

*New targeted molecules for the therapy of ovarian cancer*

**Martina Zanchetta, UniTs**

*Development of LC-MS/MS method for the therapeutic drug monitoring of sorafenib, regorafenib and their main active metabolites*

**Davide Rigo, UniVe**

*Catalytic reactions of diols and isopropenyl esters for the tandem synthesis of transesterification and acetalization products*

**Cristian Rosso, UniTs**

*Developing Photochemical Atom Transfer Radical Addition (ATRA) Reactions in Batch and Flow*

Thursday June 27<sup>th</sup> 2019

**Room Giorgio Padoan, San Sebastiano**

9:15 – 10.25 **presentations - students of all years**

**Somayeh Taghavi, UniVe**

*Valorization of biomass to chemicals using promising catalysts*

**Mattia Vidali, UniTs**

*Synthesis, characterization and optimization of novel irreversible deubiquitinases inhibitors as antineoplastic agent*

**Giulia Mazzon, UniVe**

*Antioxidant hydrophobic treatment for the conservation of woven textiles*

**Margherita Zucchelli, UniVe**

*Development of bio-based coatings for the protection of architectural surfaces*

**Michele Cacioppo, UniTs**

*Tailoring Carbon Nanodots*

10:30 – 11:00 **coffee break**

11.00 – 11.45 **Conference**

**Prof. Markus Antonietti**

Max Planck Institute of Colloids and Interfaces, University of Potsdam "*Noble Carbons and Carbon Nitrides*": *Metal free (Electro)Catalysis*

11:45 – 12.45 **presentations - students of the 2<sup>nd</sup> and 3<sup>rd</sup> year**

**Andrea Morandini, UniVe**

*Synthesis of new antimicrobial agents and their use in the preparation of polymeric materials*

**Diana Dashi, UniTs**

*Development of new products for hair color and hair bleaching*

**Alessandro Bellè, UniVe**

*Selective Recovery of carbon supported catalyst*

**Lunch**

14:30 – 16.20 **presentations - students of all years**

**Elisa Bernes, UniTs**

*Core-electron excitations in free and adsorbed molecules: a computational DFT/TDDFT study*

**Francesco Longobardo, UniTs**

*New carbon based nanomaterials for electrocatalytic and photocatalytic applications*

**Irene Marcovich, UniTs**

*Structural study on enzymes: a bacterial flippase and a human kinase*

**Maria Sole Zalaffi, UniVe**

*Metal nanostructures decorated with silver nanostars: a novel highly efficient SERS substrate for dyes and pigments detection*

**Margherita Donnici, UniVe**

*Study of protective coatings effect on corrosion layers of copper-based ancient objects*

**Tarekgn Heliso Dolla, UniTs**

*Development of novel heterogenous catalysts for photocatalytic N<sub>2</sub> fixation and CO<sub>2</sub> reduction*

16:20 – 17:00 **coffee break**

17:30 **Boat trip excursion to Burano island with dinner at Ristorante Raspo de Ua**

19:30 **Dinner at Trattoria Raspo de Ua**