

**Thursday, June 30th, 2022**

**Scientific reports – Cycle 37°**

**9.00-9.15 Compagno Nicola (VE)**

*Surfactant based organic chemistry*

**9.15-9.30 Massari Daniele (VE)**

*Structural elucidation of technical lignins*

**9.30-9.45 Bordin Matteo (VE)**

*Confined catalysis in 2D MnPS<sub>3</sub> nanosheets for the sustainable H<sub>2</sub> production through water splitting*

**9.45-10.00 Longo Lilia (VE)**

*Biomass valorization by pyrolytic approaches*

**10.00-10.15 Di Vera Andrea (VE)**

*Luminescent materials for light devices*

**10.15-10.30 Carlesso Franco (VE)**

*Study and analysis how to obtain a binder for construction from white slag treated by WBST regenerator*

**Coffee break 10.30-10.50**

**10.50-11.05 Persico Margherita (TS)**

*Strategies for the development of A2A adenosine receptor antagonists*

**11.05-11.20 Malori Francesca (TS)**

*Nonsymmetric  $\alpha$ -diiminic ligands for late transition metal catalysts for functionalized polyolefin synthesis*

**11.20-11.35 Scarel Erica (TS)**

*Dynamic covalent chemistry of a heterochiral tripeptide*

**11.35-11.50 Vattovaz Demi (TS)**

*Engineered enzymes for polyamide hydrolysis and recycling*

**11.50-12.30 Conference**

**Dott. Domenico De Fazio (UniVE):**

*Graphene, layered materials and hybrids for optoelectronics*

**12.30-11.45 Pizzato Edoardo (VE)**

*Study and analysis of the LF and AOD slag from the*

*production of steel treated with the WBST regenerator in order to recycle them as slag formers for EAF and slag fluidifiers*

**12.45-13.00 Forghieri Giulia (VE)**

*Development of smart innovative biofertilizers (a porte chiuse)*

**Lunch break 13.00-14.30**

**14.30-14.45 Bragato Nicola (VE)**

*Molybdate Ionic Liquid as Catalysts for CO<sub>2</sub> Insertion into Epoxides*

**14.45-15.00 Guzzonato Paolo (VE)**

*Reverse Engineering Historical Technologies: Ink & Paper*

**15.00-15.15 Gaetano Anastasia Serena (TS)**

*First assessments and case studies in bioaerosol sampling, characterization and abatement*

**15.15-15.30 Biasin Alice (TS)**

*Designing of polymeric gels mimicking the normal and fibrotic liver tissues: effect of viscoelasticity on cells adhesion and survival*

**15.30-15.45 Mamone Martina (TS)**

*Use of Carbon Dots as Nano-organocatalysts in Synthetic Chemistry*

**15.45-16.00 Nolasco Federico (TS)**

*In silico-designed nanobodies: from the computer to the bench*

**Coffee break 16.00-16.30**

**16.30-16.45 De Piante Elisa (TS)**

*Helicases and G4s*

**16.45-17.00 D'Abbrunzo Ilenia (TS)**

*Design and Characterization of new multicomponent systems*

**17.00-17.15 Centrone Gianluca (TS)**

*Structure and function of the RECQ4 DNA helicase*

**17.15-17.30 Guazzi Simone (TS)**

*Electrocatalytic oxidation of ethanol for added value chemicals production*

**17.30 Closing remarks**

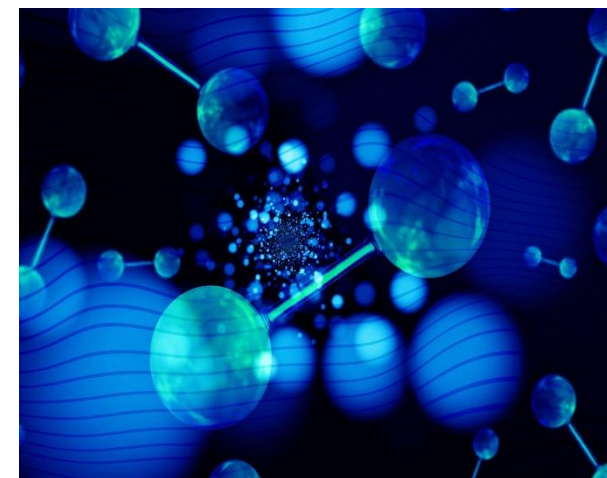


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DEGLI STUDI DI TRIESTE



Università  
Ca' Foscari  
Venezia

Joint Doctoral Program in Chemistry



Summer Workshop 2022

28<sup>th</sup> – 30<sup>th</sup> June 2022

UniTs Aula Magna DSFC

Online on TEAMS

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## Tuesday, June 28th, 2022

### 14.20 Welcome opening

### Scientific reports – Cycle 35°

#### 14.30-14.55 Spennato Mariachiara (TS)

*Integration of Chemistry and Biotechnology for the sustainable valorization of Biomass*

#### 14.55-15.20 Cescon Eleonora (TS)

*Reversible and Covalent CK1δ Inhibitors: potential neuroprotective agents in Neurodegenerative Diseases*

#### 15.20-15.55 Grieco Ilenia (TS)

*Development of ATP-competitive CK1δ inhibitors: exploring heteroaromatic systems*

#### 15.55-16.20 Radoi Iulia-Ioana (TS)

*Advanced morphologic and spectroscopic characterization of immobilized transaminase onto hybrid-CPG carriers*

### Coffee break 16.20-16.40

#### 16.40-17.05 Ferraro Valentina (VE)

*Synthesis, characterization and photophysical properties of first-row transition metal complexes*

#### 17.05-17.30 Campalani Carlotta (VE)

*Chemical Biowaste Upgrading: Carbon Dots, Biopolymers and Actives*

#### 17.30-17.55 Alberoni Chiara (TS)

*Pd(II) catalysts for functionalized polyolefins synthesis: novel mechanistic insights.*

#### 17.55-18.20 Gobbato Thomas (TS)

*Bio-inspired Nano-Architectures for Artificial Photosynthesis*

#### 18.20-18.55 Bedon Luca (TS)

*Application of machine learning approaches for patient assessment during clinical trials*

## Wednesday, June 29th, 2022

### Scientific reports – Cycle 36°

#### 9.15-9.40 Danielli Chiara (TS)

*Sustainable chemistry for improving enzyme immobilization*

#### 9.40-10.00 Lorenzetto Tommaso (VE)

*Rigid Scaffolds for Supramolecular Applications in Organic Media and Water*

#### 10.00-10.20 Bortolamiol Enrica (VE)

*Pd-indenyl vs Pd-allyl: from Reactivity to antiproliferative Activity*

#### 10.20-10.40 Polidoro Daniele (VE)

*Catalytic conversion of renewables*

#### 10.40-11.00 Pizzolato Marco (VE)

*Sustainable industrial processes (a porte chiuse)*

### Coffee break 11.00-11.20

#### 11.20-12.00 Conference

##### Prof. Emanuele Carosati (UniTS)

*Computer-Aided Drug Design ... and beyond*

#### 12.00-12.20 Adorinni Simone (TS)

*Supramolecular gels from metal coordination cages with peptides*

#### 12.20-12.40 Monti Marta (TS)

*A computational approach for Electronic Circular Dichroism by sampling the conformational space*

#### 12.40-13.00 Gentile Giuseppe (TS)

*Synthesis, characterization and application of nanomaterials for catalysis*

### Lunch break 13.00-14.20

#### 14.20-14.40 Liccardo Letizia (VE)

*Controlled-shape MOx based nanomaterials for drugs photocatalytic degradation in wastewater*

#### 14.40-15.00 Brondin Carlo Alberto (VE)

*Controlling magnetism via interfacial chemistry*

#### 15.00-15.20 Lamuraglia Raffaella (VE)

*New insight on Roman frescoes and how to protect them from environmental factors*

#### 15.20-15.40 Jafarly Orkhan

*Synthesis and Properties of New Surfactants for Supramolecular Applications*

### Coffee break 15.40-16.20

#### 16.20-16.40 Abate Francesco (VE)

*Beneath the crust: new strategies for the investigation of archaeological copper-based items*

#### 16.40-17.00 Gagliardi Valeria

*Chemical and physical conversion of lignin for green functional materials*

#### 17.00-17.20 Crestan Nicole (TS)

*Development of new CD138 mAbs and Adenosine Receptor Antagonists for Multiple Myeloma therapy*

#### 17.20-17.40 Longo Antonio (TS)

*Structural and Functional analysis of helicases involved in genome maintenance*

#### 17.40-18.00 Morasso Stefano (TS)

*Structural and biochemical investigation of SARS-Cov-2 proteases as targets for drug repurposing and discovery*

### 18.00-18.30 Consiglio dei docenti