

XVII PhD-Chem Day-Webinar VENEZIA



29-30 Aprile 2021
Università Ca' Foscari-Venezia
Piattaforma ZOOM

link per registrarsi all'evento:

<https://unive.zoom.us/meeting/register/tZIoc-mtrj4vGNMHoltzLnEdVSXDSEtJjJf>

PhD Day 29 Aprile

9:00-9:10 *Apertura dei lavori e saluti istituzionali* **Prof. Angela Dibenedetto, Direttore CIRCC**
Prof. Elisa Moretti, Coordinatrice Scuola di Dottorato - sede di Venezia

9:10-10:00 **Dott. Luigi Capuzzi** *Novamont: la bioeconomia come rigenerazione territoriale.*
Responsabile R&S-Novamont

Chair **Prof. Marco Bortoluzzi**

10:00-10:12 Sede di Ancona **Alessandra Petrucciani** *Biosilica from diatoms: factors influencing Si deposition in frustules*

10:12-10:24 Sede di Napoli **Francesco Taddeo** *Nonanoic acid esters as solvents for printing inks using zinc acetate as catalyst*

10:24-10:36 Sede di Napoli **Iolanda Corrado** *Effective conversion of Inulin-rich biomasses into microbial Polyhydroxyalkanoates*

10:36-10:48 Sede di Napoli **Tommaso Cogliano** *Epoxidation of vegetable oils: insights on kinetic modeling*

10:48-11:00 **Panel Discussion**

11:00-11:10 *Pausa Caffè*

Chair **Prof. Angela Dibenedetto**

11:10-11:27 **Prof. Piergiorgio Cozzi** *Research Activity@UNIBO*

11:27-11:44 **Prof. Cristiano Zuccaccia** *Research Activity@UNIPG*

11:44-12:01 **Prof.ssa Claudia Antonetti** *Research Activity@UNIPI*

12:01-12:15 **Panel Discussion**

Chair **Prof. Francesco Ruffo**

12:15-12:27 Sede di Roma **Federico Fratello** *Self-assembling supramolecular iron(II) complexes as catalysts in C-H bond oxidation using H₂O₂*

12:27-12:39 Sede di Sassari **Alessandro Taras** *Formation of light hydrocarbons during the CO₂ transformation process induced by mechanochemical activation*

12:39-12:51 Sede di Roma **Marika di Berto Mancini** *N-hydroxyphthalimide as Hydrogen Atom Transfer (HAT) Mediator in Oxidations Promoted by Nonheme iron(IV)-oxo complexes*

12:51-13:03 Sede di Perugia **Chiara Domenstici** *Iridium complexes bearing phosphonate and carboxylate functionalized ligands as molecular and heterogenized water oxidation catalysts*

13:03-13:15 **Panel Discussion**

13:15-15:00 *Pausa pranzo*

PhD Day 29 Aprile

	<i>Chair</i>	<i>Prof. Barbara Milani</i>
15:00-15:12	Sede di Pisa Silvia Pizzimenti	<i>Effect of primary and auxiliary driers on the curing process of oil paints</i>
15:12-15:24	Sede di Perugia Giulia Brufani	<i>Waste minimized cyanosilylation of carbonyls using fluoride on polymeric ionic-tags in batch and continuous flow conditions</i>
15:24-15:36	Sede di Bologna Alessandro Allegri	<i>Aquivion® PFSA-based spray-freeze dried composite materials for the conversion of furfuryl alcohol to levulicates</i>
15:36-15:48	Sede di Sassari Andrea Beccu	<i>Development of a low environmental impact couple of solvent and catalyst for Nenitzescu reaction</i>
15:48-16:00	Panel Discussion	
	<i>Chair</i>	<i>Prof. Giulia Licini</i>
16:00-16:17	Prof. Paolo Pelegatti	<i>Research activity@UNIPR</i>
16:17-16:34	Prof. Andrea Biffis	<i>Research activity@UNIPD</i>
16:34-16:51	Prof. Riccardo Tesser	<i>Research activity@UNINA</i>
16:51-17:05	Panel Discussion	
17:05-17:15	<i>Pausa Caffè</i>	
	<i>Chair</i>	<i>Prof. Sergio Stoccoro</i>
17:15-17:27	Sede di Perugia Nihad Salameh	<i>Palladium-catalyzed C(sp³)-H activation for the sustainable intramolecular α-arylation of aryl-amides.</i>
17:27-17:39	Sede di Trieste Chiara Alberoni	<i>Pd(II)-catalysts for the synthesis of functionalized polyolefins: the control of polar monomer enchainment</i>
17:39-17:51	Sede di Perugia Daniele Sciosci	<i>Recoverable POLITAG palladium catalyst for the regioselective C(sp²)-H alkenylation of quinoline N-Oxide</i>
17:51-18:03	Sede Parma Aleksandr Voronov	<i>Ligand-free palladium-catalyzed carbonylation of amino acid derivatives</i>
18:03-18:15	Panel Discussion	
18:15-18:20	<i>Conclusioni prima giornata</i>	

PhD Day 30 Aprile

9:00-9:10 *Apertura dei lavori*

Prof. Angela Dibenedetto

9:10-10:00 Prof. Michele Aresta

Transition from the Linear to the Circular Economy. The Role of Biorefinery and Catalysis

Chair

Prof. Osvaldo Lanzalunga

10:00-10:12 Sede di Bari
Carmela Di Spiridione

Integration of chemo-and enzymatic-catalysis (hybrid catalysis) for CO₂ valorisation and biogas upgrading

10:12-10:24 Sede di Torino
Arianna Tiozzo

From Homogeneous to Heterogeneous Electrochemical Reduction of CO₂

10:24-10:36 Sede di Catania
Stefano A. Balsamo

One-pot synthesis of TiO₂-rGO photocatalysts for the degradation of groundwater pollutants

10:36-10:48 Sede di Venezia
Letizia Liccardo

Nanostructured homo and heterojunctions for the photocatalytic degradation of wastewater pollutants: new outlook for our future

10:48-11:00 Sede di Bari
Davide M.S. Marcolongo

Characterization of metal oxides photocatalysts for CO₂-H₂O coprocessing to energy products: a joint of spectroscopic and electro-chemical tools

11:00-11-15

Panel Discussion

11:15-11:25

Pausa Caffè

Chair

Prof. Elena Motti

11:25-11:37 Sede di Parma
Silvia Gentili

Cu-peptides as catalysts for oxidative stress in neurodegenerative diseases: the case of Tau protein

11:37-11:49 Sede di Pisa
Chiara Pelosi

Interactions between anticancer Pt(II) complexes and model proteins: a thermodynamic evaluation

11:49-12:01 Sede di Varese
Gioele Colombo

Blue emitting boron difluoride compounds of 2-(imidazo[1,5-a]pyridin-3-yl)phenols and their hydrogenated derivatives

12:01-12:13 Sede di Salerno
Salvatore Impemba

New N-SSN-type Group 4 Metal Complexes in the Ring Opening Polymerization of L-Lactide

12:13-12:25 Sede di Padova
Margarita Escudero Casao

Enantioselective α -Arylation of Ketones via a Novel Cu(I)-Bis(phosphine) Dioxide Catalytic System

12:25-12:37 Sede di Bologna
Beatrice Berti

Homoleptic and Heteroleptic Metal Carbonyl Clusters and Nanoclusters

12:37-12-55

Panel Discussion

12:55-13:00 *Saluti*

Conclusioni PhD day e ringraziamenti