

XVIII PhD DAY ALGHERO (SS)



Complesso Santa Chiara (Alghero)

Università degli Studi di Sassari



con il patrocinio  
**uniss**  
UNIVERSITÀ DEGLI STUDI DI SASSARI

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XVIII PhD Day  
ALGHERO (SS)



April 28-29, 2022

Università degli Studi di Sassari



## PhD Day April 28, 2022

09:00-09:10	Opening Ceremony	Prof. Angela Dibenedetto, Director CIRCC
	Chair	Prof Michele Aresta
09:10-09:45	Roger Kuhlman Senior research Dow Chemicals	"Two Catalysts, One Reactor, Better Polyethylene"
	Chair	Prof. Sergio Stoccoro
09:45-10:00	Perugia Caterina Trotta	"A single-site Iridium picolinamide catalyst immobilized onto silica for the hydrogenation of CO <sub>2</sub> and the dehydrogenation of formic acid"
10:00-10:15	Padova Gianmarco Meloni	"Manganese(III) complexes with tetradentate O <sup>^-</sup> C <sup>^-</sup> C <sup>^-</sup> O ligands: synthesis, characterization and catalytic studies on the CO <sub>2</sub> cycloaddition with epoxides"
10:15-10:30	Torino Alice Barbero	"Spectroelectrochemistry of Mn and Re ElectroCatalysts for CO <sub>2</sub> reduction"
10:30-10:45	Bari Davide M. S. Marcolongo	"Wet chemical synthesis and spectroscopic/electrochemical characterization of metal oxides nanocomposites aimed to CO <sub>2</sub> -H <sub>2</sub> O photocatalytic coprocessing"
10:45-11:00		Coffe break
	Chair	Prof. Claudia Antonetti
11:00-11:15	Pisa Chiara Saviozzi	"New Trinuclear Iron Complexes with Potential Anticancer Activity: Synthesis and Characterization"
11:15-11:30	Parma Maurizio Chiminelli	"Visible-light-promoted dimerization of enallenamides for the synthesis of taxane-like bridged tricycles"
11:30-11:45	Roma Emanuele Spatola	"Temporal Control of the Host-Guest properties of a Calix[6]arene Receptor by the Use of a Chemical Fuel"
11:45-12:00	Insubria Camilla Loro	"Synthesis of five-membered heterocycles by ruthenium-catalyzed rearrangement of 4H-isoxazol-5-ones"
12:00-12:15	Sassari Giuseppe Satta	"Nenitzescu Synthesis of 5-Hydroxyindoles with Zn, Fe and Mg Salts in Cyclopentyl Methyl Ether"
12:15-15:00		Lunch break

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	Chair	Prof. Andrea Biffis
15:00-15:15	Catania Rossella Santonocito	"Smartphone Sensing of TNT by Optical Array"
15:15-15:30	Padova Matteo Bevilacqua	"Rational synthetic approaches towards NHC stabilized molecular gold nanoclusters"
15:30-15:45	Salerno Simona Russo	"Self-Healing systems for aeronautical applications"
15:45-16:00	Napoli Michele Emanuele Fortunato	"Transient investigation of ethylene epoxidation reaction kinetics on a titanium silicate catalyst"
16:00-16:15		Coffee break
	Chair	Prof. Angela Dibenedetto
16:15-16:30	Ancona Lorenzo Mollo	"Phytoremediation of wastewaters using microalgae"
16:30-16:45	Bologna Federico Bugli	"Enhanced Reductive Catalytic Fractionation of lignocellulosic biomasses with magnetic recyclable catalyst"
16:45-17:00	Trieste Mariachiara Spennato	"Functionalized rice husk as renewable immobilization carrier for biocatalysis"
17:00-17:15	Pisa Alberto Gobbo	"A New Family of Ru(II) - Tris(pyrazolyl)methane complexes: Synthesis and Preliminary Biological Results"
17:15-17:25		Closing remarks

## Research activity from Units April 29, 2022

09:15-09:30	Opening	Prof. Angela Dibenedetto
	Chair	Prof. Osvaldo Lanzalunga
09:30-10:00	Sebastiano Garroni	Research activity @Sassari
10:00-10:30	Andrea Biffis	Research activity @Padova
10:30-11:00	Giuseppe Trusso Sfrassetto	Research activity @Catania
11:00-11:30		Coffe break
	Chair	Prof. Barbara Milani
12:00-12:30	Stefano Brenna	Research activity @Insubria
12:30-13:00	Carlo Nervi	Research activity @Torino
13:00-13:15		Closing