

**XXI Congresso Nazionale Divisione Chimica Industriale
della Società Chimica Italiana
Salerno, 27 Agosto 2019**

9.00 - 9.10	OPENING
	Chairperson: Francesco Pignataro (DCI - Past President)
9.10 - 9.50	Plenary – Stefano Gardi - Francesco Gallo (Itelyum) <i>Itelyum: open technology platform for used oil regeneration</i>
9.50 - 10.10	Ferruccio Trifirò (Università di Bologna) <i>Types of microreactors to study in laboratory oxidation catalysts</i>
10.10 - 10.30	Giorgio Ferrari (MAPEI) <i>A new calcium aluminate phase in hydrated portland cement paste</i>
10.30 – 10.50	Biagio Naviglio (OCF) <i>The circular economy in the tanning industry</i>
10.50 – 11.10	Anna Maria Raspolli Galletti (Università di Pisa) <i>Valorization of papermill wastes for the production of levulinic acid and butyl levulinate</i>
11.10 – 11.30	Pierpaolo Prosini (ENEA) <i>Development of high capacity lithium sulphur batteries</i>
11.30 - 11.50	Coffee Break / Sessione Poster
	Chairperson: Fabrizio Cavani (Università di Bologna)
11.50 – 12.20	Medaglia Chiusoli - Chiara Bisio (Università del Piemonte Orientale) <i>When physical chemistry meets catalysis: stories around the active site</i>
12.20 - 12.35	Tommaso Tabanelli (Università di Bologna) <i>Glycerol carbonate as an innovative alkylating agent for phenolics</i>
12.35 – 12.50	Enrico Catizzone (ENEA) <i>DME production by one-pot CO₂ hydrogenation: key factors affecting the behaviour of CuZnZr/zeolite</i>
12.50 – 13.05	Melissa Galloni (Università di Milano) <i>Iron functionalized hydroxyapatite: effect of iron speciation on the catalytic performances in the NH₃-SCR reaction</i>
13.05 – 13.20	Stefano Cattaneo (Università di Milano) <i>Carbonaceous materials for the selective hydrogenation of HMF</i>
13.20 – 13.35	Alessandro Rossini (Università di Genova) <i>Biogas purification process by adsorption on activated carbon</i>
13.35 -15.00	Lunch / Sessione Poster

	Chairperson: Amilcare Collina (MAPEI)
15.00 -15.10	Premio Tesi di Laurea Magistrale - Francesco Taddeo (Università di Napoli) <i>Chemicals production from biosuccinic acid</i>
15.10 – 15.20	Premio Tesi di Laurea Magistrale - Silvia Giorgi (Università di Firenze) <i>Crosslinkers for polyvinyl alcohol based formulations</i>
15.20 – 15.35	Premio Tesi di Dottorato - Gioele Pagot (Università di Padova) <i>Electrode and electrolyte materials for the development of advanced lithium and magnesium secondary batteries</i>
	Chairperson: Martino Di Serio (Università di Napoli)
15.35– 15.50	Claudio Imparato (Università di Napoli) <i>Synthesis of defective TiO₂ materials for hydrogen production</i>
15.50 – 16.05	Vincenzo Villani (Università della Basilicata) <i>Rheology of PDMS liquid or rubber blends</i>
16.05 – 16.20	Matteo Gastaldi (Università di Torino) <i>Azo-based functional polymers for 3D printing</i>
16.20 – 16.35	Wanda Navarra (Università di Salerno) <i>Photocatalyst/polymer aerogels for the removal of water organic pollutants.</i>
16.35 – 17.00	Rinaldo Psaro (CNR ISTM) <i>The periodic table of elements turns 150 years old: how metals have marked and still mark today the civilization of man</i>
17.00 – 17.15	Premiazione Poster e Chiusura del Convegno
17.15 - 17.30	Coffee Break
17.30 – 19.00	Assemblea Divisione di Chimica Industriale

Per i professionisti Chimici e Fisici saranno riconosciuti crediti formativi ECM nella misura di 8 crediti per la partecipazione al congresso, a seguito della valutazione di apprendimento documentata.

**XXI Congresso Nazionale Divisione Chimica Industriale
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POSTER**

	Relatore	Titolo contributo
P-01	Giulia Balestra (Università di Bologna)	Study of the catalytic hydrogenation of 5-(hydroxymethyl)furfural
P-02	Federico Bella (Politecnico di Torino)	Biosourced Polymers and Lignocellulosic Materials for Eco-Friendly Electrochemical Energy Conversion and Storage Devices
P-03	Danilo Bonincontro (Università di Bologna)	Au/Pd-Decorated Electrospun Membranes as Catalytic Systems for Selective HMF Oxidation
P-04	Fabrizio Caldera (Università di Torino)	Dextrin-based nanosponges for environmental applications
P-05	Sofia Capelli (Università di Milano)	Bio adipic acid production from sodium muconate and muconic acid
P-06	Alice Cappitti (Università di Firenze)	Synthesis and characterization of innovative materials from renewable resources
P-07	Simona Cuglietta (Università della Calabria)	New Synthesis of Benzothiophene Derivatives by Pd-Catalyzed Oxidative Carbonylation of (2-Alkynyl)(methylthio)benzenes
P-08	Jacopo De Maron (Università di Bologna)	Innovative bifunctional catalytic system for methyl methacrylate synthesis: the peculiar role of gallium
P-09	Serena Esposito (Politecnico di Torino)	Ceria-Zirconia as an effective support to stabilize catalytically active and stable molybdenum species in the epoxidation reaction
P-10	Viviana Ferretti (Università di Napoli)	Realization of a pilot plant for the on-line monitoring of a water network that focuses to the disinfection product (DBP) for human consumption
P-11	Marco Frediani (Università di Firenze)	Synthesis platinum containing PLLA macrocomplex and catalytic performances in hydrogenation of α,β -unsaturated carbonyl compounds
P-12	Giorgio Grillo (Università di Torino)	Microwave-assisted catalytic conversion of cellulose: synergistic effect of sulfated zirconia and zeolites
P-13	Nicole Mariotti (Università di Torino)	Eco-design for photovoltaic materials
P-14	Daniele Martella (European Laboratory for Non-linear Spectroscopy)	3D printing of Photoresponsive Polymers for Microrobotics
P-15	Marcella Mazzocca (ARPA Campania)	Chemical and Morphological Identification of Microplastics in the Marine Environment
P-16	Federica Menegazzo (Università di Venezia)	Effects of supports for Nickel based catalysts in Methane Dry Reforming
P-17	Rossana Miliè (Università della Calabria)	Carbonylative Regio- and Stereoselective Synthesis of (Z)-2-(2-Oxopyrrolidin-3-ylidene)acetates
P-18	Maria Grazia Musolino (Università di Reggio Calabria)	Effect of the dopants on the α -Fe ₂ O ₃ /rGO nanocomposites as anode materials for sodium-ion batteries
P-19	Emilia Paone (Università di Reggio Calabria)	Transfer hydrogenolysis of aromatic ethers and lignin promoted by the bimetallic Pd/Co catalyst

P-20	Gianguido Ramis (Politecnico di Torino)	Surfactant assisted sol-gel synthesis of silica supported cobalt catalysts for ethanol steam reforming
P-21	Carmelina Rossano (Università di Napoli)	Kinetics of the levulinic acid esterification with ethanol in the presence of Amberlyst-15
P-22	Vincenzo Russo (Università di Napoli)	Catalytic hydrogenations to high value-added products
P-23	Clorinda Salvi (Università di Napoli)	Fluoride adsorption for wastewater treatment
P-24	Annalisa Sacchetti (Università di Bologna)	Effect of mesoporous zeolites for the selective conversion of carbohydrates
P-25	Antonella Salvini (Università di Firenze)	Biorefinery from <i>Nannochloropsis oceanica</i>
P-26	Michela Signoretto (Università di Venezia)	Materials for CO ₂ -to-valuable-products photoconversion: efficiency optimization in mild reaction conditions
P-27	Sebastiano Tieuli (Università di Venezia)	Hydrodeoxygenation of isoeugenol over Ni-SBA-15: Kinetics and modelling
P-28	Giorgio Tofani (Università di Anversa)	Alternative approach in the filler recovery from recycled paper waste stream
P-29	Maria Voccia (Università di Salerno)	Mechanistic insights into the Pd-catalyzed intermolecular alkyne hydroarylation reaction: the role of the ligand on activity and selectivity unveiled
P-30	Silvia Giorgi (Università di Firenze)	Study of polymeric formulations for gels and adhesives
P-31	Francesco Taddeo (Università di Napoli)	Kinetic study of solketal formation from glycerol and acetone - Chemicals production from biosuccinic acid
P-32	Marco Frediani (Università di Firenze)	Low temperature microwave assisted pyrolysis of olive pruning residue