

JFIC2022 PROGRAM

Tuesday April 26th		Amphi COLBERT	
8h00	Welcoming of the participants		
8h45	Opening of the day - welcome speech		
9h00-9h40	PLENARY CONFERENCES (30' oral+ 10' Q)	Uwe MEIERHENRICH, Côte d'Azur University (Grand Prize 2022 SCF-Sud PACA) "3D Presentation: ESA's Mission Rosetta-Philae - the search for organic molecules on a comet"	
9h40-10h20		Piero UGLIENGO, Turin University (Grand prize 2022 SCI-Piemonte) " From Astrochemistry to Prebiotic Chemistry through the Eyes of Computer Molecular Modeling"	
10h20-10h30	Presentation of the Youth Club of the SCF and SCI		
10h30-11h15	Coffee break and POSTERS SESSION		
	<i>10' oral + 5' Questions</i>	Amphi Colbert	Room Raimu 1
		SESSION 1: ORGANIC AND BIO-ORGANIC CHEMISTRY	SESSION 2: CHEMISTRY OF MATERIALS AND ENVIRONMENTAL CHEMISTRY
11h15-11h30	Oral Communication	Federica MINUTO, Univ. Genova A novel photoinduced multicomponent reaction to β -Lactams: Ketene 3-Component Staudinger Reaction (K-3CSR)	Lorenzo FENOCCHIO, Univ. Genova High Entropy Alloys (HEAs): Thermodynamic Simulations for High-Temperature Applications
11h30-11h45	Oral Communication	Manuel BARDAY, AMU, ISM2 NHC-catalysed atroposelective desymmetrisation of maleimides: complete control towards highly functionalised heterocycles.	Marta MENEGHELLO, AMU, BIP Electrochemical studies of CO ₂ -reducing metalloenzymes
11h45-12h00	Oral Communication	Mariacristina FAILLA, Turin Metallo β -Lactamases inhibitors: new tools against Bacterial Multidrug Resistance	David Javier CASTRO RODRIGUEZ, Politecnico di Torino Experimental Array to Evaluate Different Operative Parameters in Bioremediation of Hydrocarbon-Polluted Soil
12h00-12h15	Oral Communication	Iryna SHCHEHOLEVA, UCA, ICN Diversity-oriented synthesis of small molecules applied to the discovery of new inhibitors of oncogenic miRNAs production	Christian CRAVOTTO, Univ. Avignon Higher yield and polyphenol content in olive pomace oil extracted using 2-methylloxolane
12h15-12h30	Oral Communication	Francesconi VALERIA, Univ. Genova Multitarget agents in Alzheimer's disease: development of xanthenone-based derivatives	Giovanni PAMPARARO, Univ. Genova Cu-SiO ₂ catalysts made by Aerosol Assisted Sol-gel method as promising materials for ethanol non oxidative dehydrogenation
12h30-13h45	BUFFET and POSTER Session		

		Amphi Colbert	Room Raimu 1
	<i>10' oral + 5' Questions</i>	SESSION 1: ORGANIC AND BIO-ORGANIC CHEMISTRY	SESSION 2: CHEMISTRY OF MATERIALS AND ENVIRONMENTAL CHEMISTRY
13h45-14h00	Oral Communication	Enzo VAIEDELICH , AMU, ICR Shifting nitroxides as the new Overhauser-enhanced MRI probes for in vivo evaluation using enzymatic activities.	Ashwini Reddy NALLAYAGARI , AMU, Madirel Role of carbon quantum dots and anion exchange ionomer as a multiphase electrode for the oxygen reduction reaction
14h00-14h15	Oral Communication	Tullio CROVETTO , Univ. Genova Synthesis of new solid state fluorescent fluoro[2,3-c]isoquinolines via Ugi reaction and subsequent Pd catalyzed transformations	Nicolò GHIBAUDO , Univ. Genova Application of a D-Optimal Design of experiments to a photocatalytic pilot plant for environmental issues.
14h15-14h30	Oral Communication	Guillaume LESEIGNEUR , UCA, ICN La Stéréochimie des Hydrocarbures Isoprénoides comme Fossiles Moléculaires: Conséquences pour la Recherche de Vie Ancienne sur Mars / The Stereochemistry of Isoprenoid Hydrocarbons as Molecular Fossils: Implications for the Search of Extinct Life on Mars	Brahim AKHSASSI , UTLN, IM2NP Photodegradation of organic pollutant rhodamine B by a zinc phosphate-based composite
14h30-14h45	Oral Communication	Dinesh DHUMAL , AMU, Cinam Dynamic self-assembling supramolecular dendrimer nanosystems as potent antibacterial candidates against drug resistant bacteria and biofilm	Davide PALMA , Univ. Turin Re-thinking the role of natural organic matter in water treatment processes
14h45-15h00	Oral Communication	Arthur GAUCHERAND , AMU, ISM2 Simultaneous Control of Central and Helical Stereogenic Elements on Small Molecules	Alessandro COSSARD , Univ. Turin Topology of the Electron Density and of its Laplacian from Periodic LCAD Calculations on f-Electron Material
15h00-15h15	Oral Communication	Marta GALLO , Univ. Turin Vitamin D3: three possible strategies for its topical delivery	Léo CHAUSSY , AMU, ISM2 Benchmark on cobalt systems relevant for reactivity
15h15-15h30	Oral Communication	Tereza HORACKOVA , AMU, Cinam Towards a new generation of (di)zwitterionic quinones and macrocycles	Emanuele PRIOLA , Univ. Turin Solid state peculiarities and polymorphism in imidazo[1,5-a]pyridine dyes
15h30-15h45	Oral Communication	Nicolas GIACOLETTO , AMU, ICR Coumarin Based Oxime Esters: New photoinitiators for visible light photopolymerization	Marta CAMPOLUCCI , Univ. Genova Mn-based Hybrid Metal Halides for Optoelectronic Applications
15h45-16h30	Coffee Break and POSTER SESSION		
16h30-16h35	Presentation IUPAC (Sylvain Marque, AMU, ICR)		
	<i>20' oral + 10' Questions</i>	Donation of the PhD thesis award	
16h35-17h05	Award-winning speaker	Enrico SARTORETTI , Politecnico di Torino, Italy "Doped ceria nanostructures for the oxidation of pollutants: investigations into the role of defect sites"	
17h05-17h35	Award-winning speaker	Guillaume BARNOIN , UCA, France "Intermolecular dark resonance energy transfer (DRET): Applications to the fluorogenic detection of nucleic acids"	
	<i>20' oral + 10' Questions</i>	Invited Speakers	
17h35-18h05	Invited speaker	Silvia BODOARDO , Turin University, Italy "Post Li-ion and disruptive technologies for advanced and innovative batteries: what is Europe doing?"	
18h05-18h35	Invited speaker	Jalila SIMAAN , Aix-Marseille University, France « structure-function relationships in copper-containing enzymes: from fundamental studies to the development of bioinspired catalysts »	

Wednesday April 27th		Amphi COLBERT	
8h30		Welcoming of the participants	
9h00-9h40	INVITED CONFERENCES <i>30' oral + 10' Questions</i>	Carla VILLA, Genova University, Italy « Ecofriendly microwave extraction of agrofood waste for cosmetic and pharmaceutical applications»	
9h40-10h20		Christine BRESSY, Toulon University, France "When chemistry deals with marine biofouling"	
10h20-11h00	Coffee break and POSTER SESSION		
		Amphi Colbert	Room Raimu 1
	<i>10' oral + 5' Questions</i>	SESSION 1: ORGANIC AND BIO-ORGANIC CHEMISTRY	SESSION 2: CHEMISTRY OF MATERIALS AND ENVIRONMENTAL CHEMISTRY
11h00-11h15	Oral communication	Louise MITON, AMU, Ecole Centrale Anion- π interactions in confined space	Maria Alessia VECCHIO, Univ. Genova Strontium isotopic analysis of Antarctic snow samples by multi-collector inductively coupled plasma mass spectrometry
11h15-11h30	Oral communication	Milane SAIDAH, AMU, ISM2 Enantioselective construction of tetrasubstituted carboncenter.	Erika Michela DEMATTEIS, Univ. Turin Mn-substituted TlFe alloys for large scale hydrogen storage: a neutron diffraction study
11h30-11h45	Oral communication	Alessio GIOVE, UTLN, Mapiem Synthesis of new selective monomers for the design of original Ni(II) and Co(II) ion imprinted polymers	Sawssen SLIMANI, Univ. Genova Interplay between magnetic anisotropy and interparticle interactions in crystalline-amorphous nanocomposite
11h45-12h00	Oral communication	Emilie GENTILINI, UCA, ICN Asymmetric Gold-Catalyzed Addition of Carbonyl Compounds on 1,6-Enynes	Alessia GIORDANA, Univ. Turin Biostimulant and biofertilizer from waste valorisation: the different behaviour of humic and fulvic acid on hydroxyapatite
12h00-12h15	Oral communication	Guillaume BRULAY, AMU, ICR Synthesis and studies of SBA-15 materials functionalized with transient radical precursors.	Barbara BENEDETTI, Univ. Genova Evaluation of polycyclic aromatic hydrocarbons contamination in botanical extracts for human consumption: development of a specific sample pre-treatment method followed by GC-MS analysis
12h15-12h30	Oral communication	Xueyang LIU, AMU, ISM2 Indirect Enantiocontrol of Tertiary Alcohols and Quaternary Centers by Acylative Organocatalytic Kinetic Resolution	Monica RIGOLETTO, Univ. Turin Valorization of an agro-industrial waste: synthesis of soybean hulls derivatives-based hybrid materials for water purification
12h30-13h30	BUFFET + POSTER SESSION		
Amphi COLBERT			
13h30-13h40	winner of the grand prizes		
13h40-14h20 (30' oral + 10' Q)	PLENARY CONFERENCES <i>(30' oral + 10' Q)</i>	Philippe KNAUTH, Aix-Marseille University, France (Grand Prize 2021 SCF-Sud PACA) « Ion-conducting nanomaterials: a lot of movement in small domains»	
14h20-15h00		Paola RIVARO, Genova University, Italy (Grand Prize 2022 SCI) "Variability in chemical properties of the Ross Sea (Antarctica) waters and links to climate change: the results of our observations from 90's to today"	
15h00 – 15h10	Poster awards		
15h10 – 15h20	Closing Ceremony		