



Original reference	Congress programme code	Title	Presenting	Programme session	Session date and start time
2	01.107	Electrochemistry: A Green Strategy for the Synthesis of Relevant Organic Compounds	Roberto del Río-Rodríguez	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
8	04.602	Thermally-Deposited Gold Nanoparticle Arrays Allow Ultrasensitive Portable Surface-Enhanced Raman Spectroscopy for Clinical Applications	DEHUI WAN	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
9	03.103	A New Paradigm for the Asymmetric Diels-Alder Reaction	Aoibheann O' Connor	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
12	03.316	Modulating Innate Immunity with small molecules: A New Generation Of Vaccine Adjuvants And Immunotherapeutics	Francesco Peri	Chemistry Meets Biology for Health - 11	Wednesday, 10th July, 2024 16:00
16	03.418	Geochemical and Spatial Distribution of Minerals in the Tailings of Ife/Ijesa Gold Mine Zone, Nigeria	Abiodun Fatoye	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
21	02.805	Digitization and Chemical Analyses of the Clemens-Winkler Collection	Marcus Herbig	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
23	01.625	Directional evolutionary multiobjective optimization of metal complexes at the billion-scale	Hannes Kneiding	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Monday, 8th July, 2024 16:00
24	02.621	Stability and C-H bond activation reactions of palladium(I) and platinum(I) metalloradicals	Tobias Krämer	Physical, Analytical and Computational Chemistry - Computational 5	Tuesday, 9th July, 2024 13:30
26	03.513	SMART RHESINS: A Novel Superparamagnetic and Luminescent Bimodal Tracer Design for Future Quantitative Magnetic Particle Imaging (MPI)	Esther Rösch	Nanochemistry/Materials 10	Wednesday, 10th July, 2024 16:00
27	04.402	carbon nano onions towards isopropanol and ethanol electro-oxidation in alkaline medium.	Nobanathi Maxakato	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
28	01.508	Hybrid materials of molecular quantum bits	Joris van Slageren	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
29	02.601	Ratiometric Theranostic Probes for Detection and Monitoring of Oxidative Stress in Alzheimer Disease	Man Shing Wong	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
30	04.811	The modernity of ancient pigments	Mary Orna	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage in chemistry	Thursday, 11th July, 2024 13:15
34	01.406	Biosourced materials for organic electronics: harnessing Nature's potential for sustainable technology	David Gendron	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
37	02.404	Ruthenium Nanoparticles Immobilized on Water-Stable Carbon-Based Supported Ionic Liquid Phases for CO ₂ Hydrogenation to Formates.	Neha Antil	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
38	03.811	Elsevier's Chemistry ecosystem	Giulia Moncelsi	Education, History, Culture Heritage, and Ethics in Chemistry - Ethics and education in chemistry	Wednesday, 10th July, 2024 13:30
39	FP4.508	New glasses for non-linear optical applications	ROCHDI EL ABDI	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
40	FP1.605	Descriptor-Based Modeling of Chiral Bidentate Ligands for Selective Catalysis	Gonzalo Nuñez	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
41	04.805	Science and policy of ozone depletion by chlorofluorocarbons before discovery of the Antarctic ozone hole	Carmen Giunta	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
42	03.424	Synthesis of new biosourced terpene-epoxy materials using flow chemistry	Maria Zakharova	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
43	02.310	Selective Arylation of Cysteine and Selenocysteine by Organogold Compounds: Expanding the Tool-Box of Metal-Templated Reactions in Bacteria & Cancer Cells	Claudia Schmidt	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
44	04.806	New sustainable materials and analytical methods for painting conservation	Maite Maguregui	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage in chemistry	Thursday, 11th July, 2024 13:15
45	FP2.201	Facile synthesis of Sr-doped SnS nanoflakes with enhanced photocatalytic activity for the degradation of diclofenac-sodium and cloquinol under visible light	Sonali Sengupta	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
49	02.219	Designer Pd nanoparticles for reductive amination using hydrogen: At the homogeneous/heterogeneous interface	Gerard McGlacken	Catalysis	Tuesday, 9th July, 2024 16:00
50	01.715	A tunable MOF platform for chiral chromatographic separations	Soraya Bouras	Supramolecular Chemistry - 3	Monday, 8th July, 2024 16:00
51	02.810	Students' use of concepts to describe chemical bonding: Changes from first to third year of their university studies	Iselin Aakre	Education, History, Culture Heritage, and Ethics in Chemistry - Education and history of chemistry	Tuesday, 9th July, 2024 13:30
52	01.512	Lanthanide Sandwich Compounds	Peter Roesky	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
53	03.427	On the use of life cycle assessment to quantify the environmental impact of cellulose-based materials for cultural heritage conservation	Erlantz Lizundia	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
54	FP3.504	Synthesis and molecular structure studies of Aluminium (III) complexes with - ketoiminate and ethanolamine ligands	Leonardo Santoni	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
55	01.617	Reaction networks in ioChem-BD: creating standards for reaction mechanisms	Diego Garay-Ruiz	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
58	FP3.604	DFT simulation of complex reaction networks to solve aqueous speciation of polyoxometalates	Jordi Buils	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
59	01.319	MOF-enhanced phototherapeutic dressings for drug-resistant bacteria in wound care	Zhihao YU	Chemistry Meets Biology for Health - 4	Monday, 8th July, 2024 16:00
61	FP2.606	Developing WS ₂ -Carbon Quantum Dots Modified GCE Towards the Sensitive Electrochemical Detection of Flutamide, an Anticancer Drug	Yiran Luo	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30



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62	O3.219	Asymmetric Synthesis of Quaternary α -Aryl Stereocenters in Benzofuran-3(2H)-ones using Decarboxylative Asymmetric Allylic Alkylation	Fionn McNeill	Catalysis	Wednesday, 10th July, 2024 16:00
63	O3.618	Isomerization, stabilization and related properties of benzene complexes with main-group-metals	Fedor Naumkin	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
64	O4.207	Advances in aqueous biphasic catalysis using catalytic core-crosslinked micelle nanoreactors	Rinaldo Poli	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
65	O1.618	Machine Learning-assisted selection of solvent-based collective variables for Metadynamics for the simulation of drug/target interactions	Julia Stebani	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
67	O4.802	Printing of etched daguerreotypes according to Viennese methods	Valentina Ljubic Tobisch	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
68	FP3.201	New C-scorpionate copper(II) complexes as catalysts for the oxidation of p-xylene: on the road to producing sustainable terephthalic acid	Hugo Lapa	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
69	O4.808	Nature self-printing: experimental reconstruction and research	Wolfgang Kautek	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage in chemistry	Thursday, 11th July, 2024 13:15
70	O1.404	Eco-friendly one-shot approach for producing a functionalized nano-torrefied biomass: a new application of ball milling technology	Maria Rosaria Accocella	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
71	O3.616	Description of non-covalent interactions in smoothed electron density maps of a protein-water-inhibitor system	Laurence Leherter	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
72	O3.609	Iridium and ruthenium complexes with AIE properties from theoretical perspective	Maria Jaworska	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
73	O2.423	Green fabrication of electrode materials: biodegradable sensor and energy storage units for sustainable Internet of Things (IoT)	Daniela Iacopino	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
75	FP2.104	Continuous flow synthesis of Black Hole Quenchers.	Adam McCormack	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
76	O2.616	Characterizing the biophysical properties of riboglow-cobalamin biosensors to image RNA.	Aaron Van Dyke	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
79	FP1.211	Catalytic performance of Lithium-modified Zeolite Beta on the synthesis of Glycerol carbonate: A kinetic study	Sanghamitra Barman	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
82	O2.818	Evaluating the Lab-based Chemistry Escape Game ChemEscape for High School Students	Monja Schilling	Education, History, Culture Heritage, and Ethics in Chemistry - Gamification and virtual reality in chemistry education	Tuesday, 9th July, 2024 16:00
83	O2.416	The many roles and choice of solvents in homogeneous sustainable catalysis	Matthias Stein	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
84	FP3.407	condensation and selective hydrodeoxygenation technologies to oxygenated bio-intermediates	Ben Smith	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
87	O1.229	Red/blue-light responsive with prolonged charge carriers carbon nitride/TiO ₂ heterointerface for multiple photoelectrocatalytic applications	Pablo Jiménez Calvo	Catalysis - Heterogeneous Catalysis 3	Monday, 8th July, 2024 16:00
88	O1.717	Supramolecular control over pillararene-catalyzed Kemp elimination with a photoresponsive inhibitor.	Sabine Langens	Supramolecular Chemistry - 4	Monday, 8th July, 2024 16:00
89	O1.218	Divergent oxidation reactions of allylic alcohols by unspecific peroxygenase (UPO) controlled by alkene geometry	Jiacheng Li	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
90	O1.201	From milligram to multi-decagram scale using a robust and highly recyclable chiral phosphoric acid	Aitor Maestro	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
92	O1.323	Chemical synthesis and biological evaluation of 4'-modified nucleosides	Gavin Miller	Chemistry Meets Biology for Health - 5	Monday, 8th July, 2024 16:00
95	O3.113	Synthesis of alpha-aryl stereocentres in nitrogen-containing heterocycles via decarboxylative asymmetric transformations	Niamh Lehane	Advances in Synthetic Organic Chemistry - 12	Wednesday, 10th July, 2024 16:00
97	O4.617	Monitoring 54 Pyrrolizidine and Tropane Alkaloids in Honeys by UHPLC-MS/MS	Adrián Fuente-Ballesteros	Physical, Analytical and Computational Chemistry - Physical and Analytical 10	Thursday, 11th July, 2024 13:15
99	O2.702	Metal-Peptide Cages – Helical Oligoprolines Generate Highly Anisotropic Nanospaces with Emergent Isomer Control	Charlie McTernan	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
102	O3.509	Tetraoxa[8]circulenes – a new platform for polymers and frameworks	Patrick Fritz	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
103	FP1.103	Electrosynthesis of Dimeric Butenolides by Anodic Oxidation of 2,4-Diarylfurans	Belen BATANERO	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
105	O1.613	Wetting Behavior of Binary Imidazolium based aqueous ionic liquids on smooth and rough Graphite surface: A molecular dynamics study	Devargya Chakraborty	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
108	O4.803	Sustainability through education: The Green Chemistry Commitment program at Beyond Benign	Juliana Vidal	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
109	O4.212	Cooperative bond activations by a tucked-in iron complex	Joseph Zurakowski	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
111	O1.402	Biomass-Derived Catalytic Architectures: Opportunities for Mechanochemical Extrusion and Green 3D-printing Design	Daily Rodriguez-Padron	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
112	O4.403	Factorial design optimization of the synthesis of CoNiFe-LDH/graphene composites for the oxygen evolution reaction	Daniele Alves	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
114	O1.510	The molecular approach towards nano-sized actinide dioxides	Olaf Walter	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30

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115	O1.109	Automated self-optimization, intensification and scale-up of photocatalysis in flow	Aidan Slattery	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
116	O1.519	Development of anti-counterfeiting chemical markers for the protection of cultural heritage	Martina Piletti	Nanochemistry/Materials 4	Monday, 8th July, 2024 16:00
117	O3.807	The shifting ethical considerations of chemical education research	Keith Taber	Education, History, Culture Heritage, and Ethics in Chemistry - Ethics and education in chemistry	Wednesday, 10th July, 2024 13:30
118	O2.422	Energy storage and sustainable chemical synthesis mediated by molybdenum sulfide nanocatalysts	Iván Sorribes	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
120	FP1.104	Grind, shine and detect: Mechanochemical synthesis of AIE-active polyaromatic amides and their application as anion receptors	Jakub Cyniak	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
122	O2.425	Thermodynamic and electrochemical investigation of SnS ₂ as a new anode material for Li-ion batteries	Hans Flandorfer	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
123	O3.608	An ab initio insight into the chemistry of ALD precursors for the growth of GeAsSe films	Bram van der Linden	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
125	O1.304	Nucleoside, nucleotide and nucleic acid probes to study DNA damage repair	Joanna McGouran	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00
127	FP1.505	Ceria-catalyzed chemical vapor deposition grown carbon nanoforest for the efficient adsorptive removal of aqueous methylene blue and lead ions	Bhaskar Bhaduri	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
129	O4.416	Turn the tide towards sustainable polymer synthesis: development, application, and end-of-life assessment of biopolymers	Arianna Brandolese	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
131	O3.713	A Supramolecular Approach to Combatting Antimicrobial Resistance	Robert Elmes	Supramolecular Chemistry - 12	Wednesday, 10th July, 2024 16:00
133	O1.113	Electrochemical Hofmann Rearrangement at High Current Densities in a Simple Flow Setup	Darryl Nater	Advances in Synthetic Organic Chemistry - 3	Monday, 8th July, 2024 13:30
135	FP3.606	Alkali metal mediated dihydrogen activation: Boosting the bond activating capability of aluminyl anions	Keelan Byrne	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
136	O3.407	Delamination of Polyamide/Polyolefin Multilayer Films by Selective Glycolysis of Polyurethane Adhesive	Galahad O'Rourke	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
137	O2.617	Redox-mediated electrochemiluminescence enhancement for bead-based immunoassay	Giovanni Valenti	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
138	O2.410	New heterobicyclic FAT-inhibitors – Resistance-breaking and PFAS-free grass weed control solutions for sustainable agrochemistry	Jens Frackenhohl	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
140	O2.703	Why Coordination Cages Accelerate Chemical Reactions?	Gregori Ujaque	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
141	O2.430	A highly mesoporous activated carbon derived from date seed waste for removal of uranium (VI) from aqueous solutions: Characterization and adsorption studies	MOHAMMAD ALGAMDI	Energy, Environment and Sustainability - Material Innovation	Tuesday, 9th July, 2024 16:00
143	FP3.701	Alkyl-Polyglycoside-Dodecanol formulation for enhancing oil recovery efficiency	Lorenzo Veronico	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
144	O4.406	Design and Analysis of an Electrochemical cell, "Hydro-aqua cell".	RAKHYMZHAN KOSSANOV	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
145	O4.101	Novel, green methodology for the synthesis of cannabinoid modulators: Studies leading to CB1R antagonist clinical candidate	Malliga Iyer	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
146	O1.219	Biocatalytic cascade synthesis of iminosugars from monosaccharides	Kathryn Yeow	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
147	O4.707	Switchable molecular tweezers: a versatile platform to control multiple properties	Guillaume Vives	Supramolecular Chemistry - 15	Thursday, 11th July, 2024 13:15
150	O3.308	Deoxyfluorinated rare sugars as tools to study the pentose phosphate pathway	Katharina Pallitsch	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
151	FP3.508	A Simple and Versatile Approach for the Low-Temperature Synthesis of Transition Metal Phosphide Nanoparticles	Hooman Ghazi Zahedi	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
152	O4.105	A new general method for the synthesis of the phosphonic acid analogues to proteinogenic aminocarboxylic acids	Tamara Dinhof	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
158	FP1.305	Modification of Nucleic Acids with Dioxazaborocanes – Synthesis and Spectroscopic Characterization	Tabea Lenz	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
159	O3.208	Ligand Design in the Direct Asymmetric Reductive Amination	Maximilian Menche	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
160	O2.614	Assessing electrochemical cross-electrophile coupling through DFT calculations	Marina Diaz Ruiz	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
161	FP3.408	Supported Palladium Nanoparticles on N-doped carbons as catalysts for green processes	Oscar Trentin	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
163	O4.422	boride nanoparticles based ternary heterostructure for constructing asymmetric supercapacitors with excellent energy density	Sukanya Ramaraj	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15
165	O4.413	Sustainable upgrading of glycerol into value-added products under continuous-flow conditions	Alessandra Sivo	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
166	O4.425	High-molecular weight, high-capacity redox polymers as cathode materials for metal-ion batteries	Marco Carloti	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15

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167	O3.604	New ternary deep eutectic solvents in the preparation of polymer-modified-electrode electrochemical sensors	Christopher Brett	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
168	O4.308	Carbohydrate-functionalised metal complexes: targeting pathogens for therapeutic and sensing applications	Joseph Byrne	Chemistry Meets Biology for Health - 13	Thursday, 11th July, 2024 13:15
169	O3.620	Exploring Energy Surfaces through Multi-Dimensional Energy Decomposition Analysis	Dennis Svatunek	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
170	O4.705	Chiral luminescent europium(III) self-assemblies using derivatives from 2,6-pyridine dicarboxylic acid	Oxana Kotova	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
171	O3.704	Structural Chemistry of Biomolecules by means of cryo-EM	Gabriele Giachin	Supramolecular Chemistry - 10	Wednesday, 10th July, 2024 10:00
172	O3.519	Synthesis and Solid State NMR Characterisation of new Polyketone-based Anion Exchange Membranes	Andrea Giovanelli	Nanochemistry/Materials 11	Wednesday, 10th July, 2024 16:00
174	O3.707	Phosphate-Driven Systems Chemistry	Charalampos Pappas	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
177	O1.611	Designing Reaction Coordinate for Ion-induced Pore Assisted Mechanism of Halide Ions Permeation by Umbrella Sampling	Debashree Chakraborty	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
178	O1.702	In Situ Insights into adsorption and catalysis in Metal-organic Frameworks	Marco Vandone	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
180	O3.401	Depolymerization of polyurethane and polyethylene terephthalate with enzymes stabilized in ionic liquids	Annika Samuel	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
181	O2.704	Self-assembly of low-symmetry coordination cages	James Lewis	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
182	FP1.401	Biomass-based Nanomaterials for Water Purification	Maryam RahimiHaghighi	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
191	O4.619	Integrating CRISPR-Cas Signal Amplification into Activity-Based Protein Sensing	Alessandro Bertucci	Physical, Analytical and Computational Chemistry - Physical and Analytical 10	Thursday, 11th July, 2024 13:15
193	O2.111	Insight in solvent-dependent mechanism of anionic polymerizations: studies on the structure and reactivity of first carbolithiation intermediates	Annika Schmidt	Advances in Synthetic Organic Chemistry - 8	Tuesday, 9th July, 2024 16:00
194	O1.115	Synthetic and Stereochemical Aspects of Enantioselective Transformations of α -Diazocarbonyl Compounds	Anita Maguire	Advances in Synthetic Organic Chemistry - 3	Monday, 8th July, 2024 13:30
195	O4.623	HALOGEN-BOND-BASED ORGANOCATALYSIS UNVEILED: COMPUTATIONAL DESIGN AND MECHANISTIC INSIGHTS	Cristina Trujillo	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
196	O4.618	Distinct two-photon excited squaraines for bright and selective bioimaging	Taihong Liu	Physical, Analytical and Computational Chemistry - Physical and Analytical 10	Thursday, 11th July, 2024 13:15
201	O1.513	Carbon nano-onions for biomedical applications	Silvia Giordani	Nanochemistry/Materials 3	Monday, 8th July, 2024 13:30
205	FP3.404	Assessment of polymeric sorbents for phosphorus recovery	Michela Pacchione	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
206	FP3.402	Adsorption of chlorine: polymers as efficient chlorine storage matrices at ambient conditions	Alejandro Lorente	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
207	O3.206	Sustainable reduction of carboxylic acid esters applying non-noble metal based catalysts	Kathrin Junge	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
212	O2.503	Molecular effects for tuning charge transport in nanostructured hybrid materials	Simon Tricard	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
214	O3.705	Novel Photo-Responsive Calixarenes for the Control of the Transport of Hydrophilic Peptides Across Synthetic and Cellular Membranes	Joana Martins	Supramolecular Chemistry - 10	Wednesday, 10th July, 2024 10:00
215	O2.110	Planar chiral ferrocenes as key compounds for asymmetrically controlled processes	Paul Erik Schneider	Advances in Synthetic Organic Chemistry - 8	Tuesday, 9th July, 2024 16:00
216	O2.102	Chiral, air stable, and reliable Pd(0) precatalysts for asymmetric allylic alkylation	David Leitch	Advances in Synthetic Organic Chemistry - 6	Tuesday, 9th July, 2024 10:00
217	O3.215	Quantitative structure/reactivity models for oxidative addition to Pd(0) - predicting outcomes and identifying mechanistic divergence	David Leitch	Catalysis - Organometallic Catalysis 3	Wednesday, 10th July, 2024 16:00
219	O3.115	In the CORE of Olefination	Kirill Nikitin	Advances in Synthetic Organic Chemistry - 12	Wednesday, 10th July, 2024 16:00
221	O3.812	Professional ethics - a matter of education	Anca Silvestru	Education, History, Culture Heritage, and Ethics in Chemistry - Ethics and education in chemistry	Wednesday, 10th July, 2024 13:30
224	O2.201	Innovative methodologies for the generation of sulfur centered radicals applied to the functionalization of unactivated alkenes	Polyssena Renzi	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
225	O2.215	Photocatalytic CO ₂ reduction using CO ₂ -binding enzymes	Henrik Junge	Catalysis - Photocatalysis 3	Tuesday, 9th July, 2024 16:00
226	FP2.503	Environmentally Friendly Synthesis of Carbon Dots	Sofia Dominguez-Gil	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
228	O2.405	NON-STOICHIOMETRIC OXIDES APPLIED IN COUNTERCURRENT CHEMICAL-LOOPING REGENERATIVE REACTORS.	Brendan Bulfin	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
229	O4.217	Bio-Electrocatalytic Behaviour of Glutathione Reductase in Ionic Liquids and Deep Eutectic Solvents	Desmond Koomson	Catalysis - Electrocatalysis 2	Thursday, 11th July, 2024 13:15

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230	FP1.201	Depolymerization of polyester plastics with iodotrimethylsilane	Xin LIU	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
231	O2.820	Reaching Molecules through Virtual Reality: Chemistry at your Fingertips with Head-Mounted Displays and Immersive Environments	Sergio Rampino	Education, History, Culture Heritage, and Ethics in Chemistry - Gamification and virtual reality in chemistry education	Tuesday, 9th July, 2024 16:00
233	FP2.103	H-Phosphonate promoted Alcohol Activation: an Atom Economic route to Alkyl Halide Synthesis	Emma Furlong	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
234	FP2.206	Tailoring MnFe Prussian Blue Analog-Derived Chalcogenides for Enhanced Alkaline and Low-Grade Water Oxidation	Muhammad Sohail Riaz	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
235	FP4.303	Pt(IV)-Sunitinib pro-drug conjugates displaying promising anti-cancer activity	Darren Beirne	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
236	O3.411	Ceramic fillers incorporated Polyvinylidene Fluoride and Nylon-6 Polymer nanocomposites for Self-powered Triboelectric nanogenerators (TEGs)	Irthasa Aazem	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
238	FP3.102	Carbon dioxide utilisation for construction of high value carboxyl-containing organic products	Rachel Lynch	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
239	FP3.101	Functionalization of natural Bisquinolizidine alkaloids	Abdullahi Muiz	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
241	O3.810	A comparison of the range of cognitive demands of written high-stakes Irish Senior Cycle Chemistry examinations to similar written examinations in other countries.	Damienne Letmon	Education, History, Culture Heritage, and Ethics in Chemistry - Ethics and education in chemistry	Wednesday, 10th July, 2024 13:30
242	O3.507	Direct non-sacrificial electrodeposition of electrically conducting MOF nanostructures for microsupercapacitor applications	Géraldine Chanteux	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
246	O2.115	Synthesis of novel benzimidazole-2-ones mediated by hypervalent iodine agent	Codruta Popescu	Advances in Synthetic Organic Chemistry - 9	Tuesday, 9th July, 2024 16:00
249	O4.627	Computational automated exploration of β -D-Xylopyranose pyrolysis decomposition reaction pathways	Bernardo Ballotta	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
250	O3.112	UNTAPPED C5-SELECTIVITY IN THE ASYMMETRIC PD-CATALYSED ALLYLIC ALKYLATION OF SILOXYFURANS	Stellios Arseniyadis	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
254	O3.402	A green and efficient method for chemical recycling of carbonfiber/epoxy resin composites by deep eutectic solvents	Chun-Chi Chen	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
256	O1.407	Organic sensitizers for visible light-mediated hydrogen production: design, sustainable synthesis and applications	Lorenzo Zani	Energy, Environment and Sustainability - Green Hydrogen and Ammonia	Monday, 8th July, 2024 13:30
259	O4.502	3D printable alginate/forsterite biocomposites	Monica Tonelli	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
263	O1.601	Strong metal-support interaction effects on core-shell Au/TiO2 photocatalysts	Aparna Harshan	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
268	O4.809	Chemical characterization of flint finds	Cinzia Chiurlia	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage in chemistry	Thursday, 11th July, 2024 13:15
272	O1.318	Non-conventional Co(III) Schiff Base complexes as DNA binders	Riccardo Bonsignore	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
273	O1.111	PHOTOORGANOCATALYSIS: NOVEL GREEN TECHNOLOGIES FOR SUSTAINABLE SYNTHESIS	Christoforos Kokotos	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
274	O2.419	Development of sustainable and efficient Palladium Cross-Coupling reactions via a novel mechanistic investigation	Tommaso Fantoni	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
277	O2.624	A computational strategy to investigate and predict lignocellulose pyrolysis: β -D-xylopyranose as a test case	Jacopo Lupi	Physical, Analytical and Computational Chemistry - Computational 5	Tuesday, 9th July, 2024 13:30
280	FP2.504	Design, preparation and mechanochromic features of N-alkyl diketopyrrolopyrrole derivatives dyes embedded in functional polymers.	Luca Soldati	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
282	FP2.202	Visible Light Photodegradation of Organic Pollutants by Cu-doped α -FeOOH/ α -Fe ₂ O ₃ Heterostructures	Danica Skoric	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
285	O1.227	Enhancing biocatalysis with chemically modified enzymes and ionic liquids	Alex Brogan	Catalysis - Biocatalysis 2	Monday, 8th July, 2024 16:00
286	O4.211	Transforming Waste into Valuable Chemicals: CO ₂ Conversion Enabled by Porphyrin-Based Catalysts	Emma Gallo	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
287	O4.506	Exploring the design space of ionogels	Alex Brogan	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
290	FP3.203	Unveiling Nitrene magic: Computational insights into Biomimetic Polycyclization for stereodefined access to trans- and cis-Decahydroquinoline	Emanuele Casali	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
291	O4.404	Engineering of electrocatalysts for HER and OER using Nickel Foam and Carbon Cloth combined with nonprecious metals.	Marilia Barreto Dalla Benetta	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
292	O3.803	NFD4Chem: Fostering the Cultural Change in Chemistry towards FAIR Data	John Jolliffe	Education, History, Culture Heritage, and Ethics in Chemistry - Understanding research and research data, inclusive chemistry education	Wednesday, 10th July, 2024 10:00
294	O3.605	Tools for screening solubility and understanding interactions in ionic liquids	Leila Moura	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
297	O2.612	Computational description and identification of relevant active sites in electrocatalysis	Matthias Vandichel	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
298	O1.303	RNA Analogues for Enhanced CRISPR-Cas12a Gene Editing	Michael Cunningham	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00

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Original reference	Congress programme code	Title	Presenting	Programme session	Session date and start time
299	O3.515	Playing at the surface of Halloysite Nanotubes by computational and experimental methods: from the neat clay to the decoration with gold nanoparticles.	Lorenzo Lisuzzo	Nanochemistry/Materials 10	Wednesday, 10th July, 2024 16:00
301	O3.312	Polymeric Ylides: A new generation of zwitterionic polymers with distinct antifouling properties	Kevin Neumann	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
302	O3.510	The shaping of covalent organic frameworks	Zhongshan Liu	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
305	O4.417	Lignin refinery - mapping a sustainable future	Zhuohua Sun	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
306	O1.120	In batch and in flow organo- and metallaphotoredox catalysis for the synthesis of APIs (active pharmaceutical ingredients).	Maurizio Benaglia	Advances in Synthetic Organic Chemistry - 4	Monday, 8th July, 2024 16:00
307	FP1.212	Influence of the ligand's electronic donor properties on bis(pyrazolyl)methane based tyrosinase model systems	Dominik Steden	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
308	O3.415	Electrolyte additive's influence on the Mg plating/stripping kinetics in rechargeable Mg batteries	Muath Radi	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
309	O3.314	Sulfamido-carboranes theranostic agents for BNCT/MRI applications in mesothelioma treatment	Alberto Lanfranco	Chemistry Meets Biology for Health - 11	Wednesday, 10th July, 2024 16:00
310	O2.602	A multiplex colorimetric sensor to improve the prostate cancer diagnosis.	Fabio Di Nardo	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
311	O1.121	Solvent free metal-catalyzed methods enabled by mechanochemistry	Michael Schnürch	Advances in Synthetic Organic Chemistry - 4	Monday, 8th July, 2024 16:00
316	O1.215	Photobiocatalysis with imine reductase enzymes (IREDs) in the stereocontrolled synthesis of cyclic amines	Stefano Parisotto	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
317	FP1.402	Preparation of hemp-based biocomposites and their potential industrial application	Lorenzo Gallina	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
319	FP2.203	Pollutants abatement in aqueous solutions with geopolymer catalysts: a Photo Fenton case	Stefano Savino	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
326	O2.514	Hybrid fluorescent protein-polymer derivatives for stable deep-red lighting devices	Sara Ferrara	Nanochemistry/Materials 7	Tuesday, 9th July, 2024 16:00
328	O4.604	Hyperpolarized NMR detection of dilute biomarkers in complex biofluids	Thom Posthumus	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
331	O2.217	Active repair of molecular hydrogen evolving photocatalysts - a new chapter in artificial photosynthesis	Sven Rau	Catalysis - Photocatalysis 3	Tuesday, 9th July, 2024 16:00
332	O2.220	Molecular Insights into LiTB as an Electron Transfer Catalyst at the TFT Water Interface	Raju Lipin	Catalysis	Tuesday, 9th July, 2024 16:00
333	O2.515	Design rule hidden from the eye in S/N-bridged ancillary ligands for copper(I) complexes applied to light-emitting electrochemical cells	Luca Maria Cavinato	Nanochemistry/Materials 7	Tuesday, 9th July, 2024 16:00
335	FP1.702	From aromatic compounds with nitrogen functionalities to polymer thin films and porous organic materials	Ivana Biljan	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
336	O3.420	Application of CeO ₂ -loaded zeolites as adsorbents for removal of endocrine disrupting compounds fipronil	Sanghamitra Barman	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
338	O3.209	Application of P,N ligands in the asymmetric alkynylation of quinolone	Dáiríne Morgan	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
342	O1.607	Adsorption Dynamics in Porous Materials: A Hybrid Grand Canonical Monte Carlo-Molecular Dynamics Approach	Sousa Javannikkhah	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
346	O2.618	QCM based biosensor for cortisol detection: a novel diagnostic device for cognitive decline identification	Mariagrazia Lettieri	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
347	FP4.501	A bioinspired and sustainable route for the preparation of Ag-crosslinked alginate fibers decorated with silver nanoparticles	Pietro Tordi	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
348	FP3.506	MOF-derived nanoporous copper oxides for efficient solar energy harvesting	Sameh Khalil	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
349	O4.710	Helical molecular motors for coupled motion	Yohan Gisbert	Supramolecular Chemistry - 15	Thursday, 11th July, 2024 13:15
351	O2.426	3D printing continuous-flow reactors for the high quality epitaxial growth of single crystal perovskites	Victor Sans	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
352	O1.621	Instability of Ferrocene Carboxylic Acid Mediator Under Alkaline Conditions	Kevin Kurian	Physical, Analytical and Computational Chemistry - Physical and Analytical 2	Monday, 8th July, 2024 16:00
353	FP1.304	Ferritin-Au(I) bioconjugates as anticancer agents	Lucrezia Cosottini	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
359	O2.502	Chirality in Ternary and Quaternary I-III-VI Luminescent Nanocrystals: the role of nanocrystal chemical composition on the transfer of chirality	Lorenzo Branzi	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
360	FP1.202	Development of a bifunctional boron/nitrogen system and a new pyramidal borenium cation	Nicolas Niessen	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
362	O1.204	α -Heterocyclic aziridines: a new approach to a rare chemical domain	Timothy Hilton	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
365	O1.202	Iodine as an Efficient and Practical Catalyst for the Carbonyl-Alkyne Metathesis	Martin Breugst	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00



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367	FP4.101	Polymer brushes by photo-polymerization of ionic methacrylates with methylene blue	Ilaria Bertuol	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
368	O2.202	Photosensitizers with Charge Transfer-Mediated Intersystem Crossing for Application in Photopolymerizable Materials	Mikhail Filatov	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
372	O2.114	Development of a Redox-Neutral Wittig Reaction Catalysed by Phosphorus	Marcin Szydio	Advances in Synthetic Organic Chemistry - 9	Tuesday, 9th July, 2024 16:00
373	O3.709	Dynamic Polymers as Smart Fluorogens	Sébastien Ulrich	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
375	FP2.404	Utilisation of Waste Products for Construction of Alkenes	Ashwini Mishra	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
378	O3.423	Efficient ruthenium-catalyzed Guerbet reaction for the upgrading of Bioethanol to Higher Alcohols: a sustainable approach to biofuel production	Andrea Piazzi	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
380	FP4.102	Phosphine-mediated reductive functionalisation of aldehydes.	Dara Curran	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
381	O3.102	Regio- and stereoselective oxidation/hydroxylation using biocatalysts and H ₂ O ₂ as sole oxidant	Wolfgang Kroutil	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
383	O4.213	CATALYTIC TANDEM DEHYDROCHLORINATION-HYDROGENATION OF PVC TOWARDS VALORISATION OF CHLORINATED PLASTIC WASTE	Galahad O'Rourke	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
384	O3.313	Cell-free transcriptional systems for diagnostic applications	Simona Ranallo	Chemistry Meets Biology for Health - 11	Wednesday, 10th July, 2024 16:00
385	O3.804	How to educate and train chemists and future researchers to manage their research data	Jochen Ortmeyer	Education, History, Culture Heritage, and Ethics in Chemistry - Understanding research and research data, inclusive chemistry education	Wednesday, 10th July, 2024 10:00
386	O1.122	Asymmetric organocatalysis and metal catalysis under mechanochemical conditions	Radovan Šebesta	Advances in Synthetic Organic Chemistry - 4	Monday, 8th July, 2024 16:00
388	O1.324	Dissecting the molecular mechanism of small molecules binding C9orf72G-quadruplex structures	Angelo Spinello	Chemistry Meets Biology for Health - 5	Monday, 8th July, 2024 16:00
391	O3.203	Highly stable α,α -Diimine Silver(I) catalysts that incorporate CO ₂ into alkyne frameworks	M. Rosa Fernandez-Pison	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
393	O4.424	Thermal Stability of LNMO Cathodes	Mahmoud Reda	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15
395	O1.223	Atomically precise metal nanoclusters for designing metal nanocatalysts.	Cristiana Cesari	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
398	FP1.602	Hydration shell around citrate-stabilised gold nanoparticles	Taritra Mukherjee	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
399	O2.619	Cell-based Biosensor to study Adhesion to Surfaces and Interaction with Viruses Using Reflectometry	Johanna Hutterer	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
400	FP1.404	Esterification-enabled thermoplastic lignin microfibers and magnetite nano-particle hybrids for circular materials	Unnimaya Thalakkale Veetil	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
402	O4.109	The development of novel ferrocenyl compounds via acid-mediated transformations and the diastereoselective synthesis of a novel tricyclic indene	Rachel O'Sullivan	Advances in Synthetic Organic Chemistry - 14	Thursday, 11th July, 2024 13:15
405	FP4.201	Cobalt based Selenides as Electrocatalysts for water-splitting	Gillian Collins	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
406	O2.511	Carbon based Nanomaterials combined with β -Cyclodextrin and Ferrocenyl-Carnosine for Electrochemical Sensing	Giulia Neri	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
409	FP3.405	Unravelling the future of sustainable wastewater treatment: harnessing hydrodynamic cavitation and electrical discharge for water recycling	Emanuela Calcio Gaudino	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
411	O4.414	Solventless synthesis of novel non-ionic bio-based surfactants	Fabio Bucciol	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
412	FP4.502	Electrically Conductive Bioinks for Biosensing applications	Róisín Byrne	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
415	O4.701	Spin-filtering effects using a monolayer of chiral molecules assembled on surfaces	Matteo Mannini	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
416	O2.409	Circular economy for feeding: green extraction of hazelnut skins from lab to semi-industrial scale	Silvia Tabasso	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
420	O4.504	A smart nanocarrier system for the delivery of Doxorubicin to cancer cells	Hugh Mohan	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
421	FP4.606	Zwitterionic Benzoquinonemonoimine Derivatives: a Molecular Motion Study using DOSY and IM-MS methods	Aura TINTARU	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
423	O3.302	Targeted polymeric micelles loaded with a gold(III) bisdithiolate complex for ovarian cancer theranostics	Joana Santos	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
426	FP3.702	Developmental assembly of multi-component polymer systems through interconnected gene networks in vitro	Daniela Sorrentino	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
429	O1.624	Predicting ceramic slurry extrudability for robocasting using support vector machines and random forest models	Adam Turner	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Monday, 8th July, 2024 16:00
437	O3.320	Targeting Phosphorus as a Main Group Catalyst - Synthesis of Novel Phosphonium Cations	Thomas Hooper	Catalysis	Wednesday, 10th July, 2024 16:00

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438	O1.230	Ligand-Directed and Adsorption-Assisted Phenomena in Single Chirality Transfer Complexes on Surfaces	Peter McBreen	Catalysis - Heterogeneous Catalysis 3	Monday, 8th July, 2024 16:00
439	O1.515	Influence Of Organic Cations In The Assembly Of Polyoxometalate-Based Electrodes For Electrochemical Applications	Lucia Vizcaino-Anaya	Nanochemistry/Materials 3	Monday, 8th July, 2024 13:30
440	O2.605	Surface plasmon resonance to detect diffusion coefficients of molecules: entering a novel field of applications	Giuseppe Grasso	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
443	O4.202	Control over the Morphologies and the Chemical Compositions of Co3O4 for the Acidic Oxygen Evolution reaction	Hanka Besic	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
444	FP3.602	High-precision neodymium isotope analysis in trace amount by mass spectrometry	Xuepeng Shao	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
445	FP2.601	Preconcentration of nitroaromatic compounds using synthesised molecularly imprinted polymers (MIPs)	Raymond Tang	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
446	FP1.205	Mild and facile chemoselective oxidative N-debenzylation of aryl-halogenated amines using the Laccase/TEMPO system	Hong Ann Gan	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
449	O3.422	Heteroatom doped carbon-based materials as non-precious metal catalysts for electrocatalytic hydrogenation of biomass-derived organics	Filippo Pota	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
451	O1.722	Amphiphilic Dynamic Covalent Polymer Vectors for siRNA Delivery	José García Coll	Supramolecular Chemistry - 5	Monday, 8th July, 2024 16:00
454	FP1.213	A mechanistic puzzle hiding in clear sight: Alcohol oxidation using hypervalent iodine and aminoxyl radicals.	Michael Bingham	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
459	O2.609	Computational screening of novel LIB electrolytes with polarizable molecular dynamics	Adriano Pierini	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
462	O1.207	Acetic Acid Bacteria (AAB) as versatile whole-cell biocatalysts for intensified bioprocesses.	Luca Nespoli	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
465	O3.801	SERVICE LEARNING SCIENCE CAMPS AMONG TRIBALS AS A TOOL FOR CAPACITY BUILDING AMONG STUDENTS – A STEP TOWARD INCLUSIVE CHEMISTRY EDUCATION	Priya Augusthian	Education, History, Culture Heritage, and Ethics in Chemistry - Understanding research and research data, inclusive chemistry education	Wednesday, 10th July, 2024 10:00
466	O3.808	Badging of a suite of micro-skills: a pedagogic approach to promote skill recognition and celebrate achievement in an undergraduate organic chemistry laboratory	Frances Heaney	Education, History, Culture Heritage, and Ethics in Chemistry - Ethics and education in chemistry	Wednesday, 10th July, 2024 13:30
469	O3.419	Tackling the Challenges of Quantifying Trace Contaminants in Biogas	Ayush Agarwal	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
476	O3.623	High throughput size resolved elemental analysis of nanoparticles using SMPS-ICP-MS	Laura Torrent	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
479	O3.205	Cobalt-catalysed Wagner–Meerwein rearrangements	Nicola Murdoch	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
481	O4.302	A SAR study toward selective $\alpha 9\alpha 10$ nicotinic acetylcholine receptor (nAChR) ligands and evaluation of their anti-inflammatory properties in-vitro	Alessandro Giraudo	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
483	O2.314	Giving an Enzyme Scissors: Serotonin-based Activators of OGG1	Marek Varga	Chemistry Meets Biology for Health - 8	Tuesday, 9th July, 2024 16:00
487	FP1.701	pH-responsive hydrogels based on bipyridinium pseudopeptides	Alejandro Vila	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
489	O4.104	Rigid aliphatic hydrocarbons as key structural motifs in material precursors	Karolina Urbanska	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
493	FP2.506	Iron and Ruthenium homometallic carbide carbonyl clusters: synthesis, characterization and reactivity	Francesca Forti	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
496	FP1.206	A general route to retooling hydrolytic enzymes towards plastic degradation	Susana Meza Huaman	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
500	O3.301	Zirconium(IV) Fluoride Bonds as a Late-Stage Strategy for Radiolabelling Tumour-Specific Peptides	Patrick Cieslik	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
503	O4.503	Protein-based eutectogels for the delivery of hydrophobic drugs	Susana Meza Huaman	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
505	FP1.207	Formation of enzyme-surfactant nanoconjugates for non-aqueous production of alkene biofuels from fatty acids	Jake Nicholson	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
506	O1.609	mechanical molecular dynamics (QM/MM MD) simulation and feature selection studies	Sophia Johnson	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
515	FP4.503	Surface modifications of titanium alloys for biomedical applications.	Justynne Fabian	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
516	FP4.404	Potential of plum seed residue for functional ingredient development: unravelling the effect of processing on phytochemical composition and bioactive properties	Esther Gómez-Mejía	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
519	O4.304	2-Azetidinones with antiproliferative activity in breast cancer and chemoresistant colon cancer: synthesis and biological evaluation	Mary Jane Meegan	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
521	FP2.507	Synthesis and characterization of new Rh-phosphine carbonyl clusters	Giorgia Scorzoni	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
522	O2.113	Oxidative anionichomo-Fries rearrangement under bench-type aerobic conditions	Marco Blangetti	Advances in Synthetic Organic Chemistry - 8	Tuesday, 9th July, 2024 16:00
527	O1.224	New uses of zeolites and alumina for sustainable organic synthesis in batch and flow procedures	Judit Oliver-Meseguer	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30

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529	O1.610	Investigation of chemical, thermal, and mechanical stability of metal-organic frameworks: an application of a universal neural network potential	Taku Watanabe	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
530	O1.216	Entrapment in HydrIL gels: Hydro-Ionic Liquid Polymer Gels for enzyme immobilization.	José Ángel Pérez Tomás	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
532	O1.505	Fabrication and Characterization of Cu Ion incorporated α -FeOOH/ α -Fe ₂ O ₃ Heterostructures	Wenming Tong	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
536	O1.320	Gold porphyrin metallacages as multifaceted anticancer agents	Guillermo Moreno-Alcántar	Chemistry Meets Biology for Health - 4	Monday, 8th July, 2024 16:00
540	O2.212	Kinetic modeling for photocatalytic pollutant removal: effect of process variables, beyond the pseudo-first order approach	Philippe Heynderickx	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
542	O3.114	Stereoselective decarboxylative carbon-carbon bond forming reactions using malonic acid half thioesters	Alan Healy	Advances in Synthetic Organic Chemistry - 12	Wednesday, 10th July, 2024 16:00
544	O2.308	Synthetic Strategies to Overcome the Solubility Limitations Associated with Novel Antimicrobial Coumarin Derivatives	Bernie Creaven	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
548	O2.203	Visible-light-induced difunctionalisations of alkynes with arylsulfonates	Bhargava reddy Mandapati	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
550	FP1.102	Stereoselective synthesis of α -galactosides	Kate Donaghy	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
551	O1.514	Computational and experimental study of porous particles/mechanical properties based on reverse engineering approach	Nikita Kuznetsov	Nanochemistry/Materials 3	Monday, 8th July, 2024 13:30
556	FP4.202	A Study on the Synthesis of Multiphase PdxSeY Using Organometallic Precursors and Identification of Phase Dependent Electrocatalytic Properties	Hyeonju Kim	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
558	O3.210	Physical Separation of Enantiomeric Products by Compartmentalized Parallel Kinetic Resolution (CPKR)	Cyril Bressy	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
559	O2.415	Integrating insect flour lipid profile insights with biomass valorization and food added value	M. João Nunes	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
560	O2.414	Harnessing the potential of the new bioindustrial sector: Extraction and characterization of insect flours oil	Catarina Esteves	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
564	O2.707	Overcoming challenges in the transmembrane transport of phosphates and bicarbonate by synthetic receptors	Hennie Valkenier	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
566	O3.629	and pesticides: integrating Design-of-Experiments and a peak-picking Python tool for enhanced	Eleonora Matić	Physical, Analytical and Computational Chemistry - Physical and Analytical 7	Wednesday, 10th July, 2024 16:00
568	FP2.401	Biorhamnolipid and biosurfactin based ionic liquids and salts as biosurfactants	Catarina Esteves	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
569	O3.110	Oxetanes as nucleophiles for the synthesis of pharmaceutically relevant key building blocks	Philipp Natho	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
571	O2.715	Supramolecular column polymers meet DNA Three-Way Junctions	Miguel Vázquez López	Supramolecular Chemistry - 8	Tuesday, 9th July, 2024 16:00
573	FP1.203	Tellurium catecholates - exploring Lewis acidic and catalytic frontiers	Swavalina Baruah	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
574	O2.105	C(SP ₂)-H HYDROXYLATION VIA CATALYTIC 1,4-NI MIGRATION WITH N ₂ O	Jesús Rodríguez-Vázquez	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
575	O2.604	Programmable control of Cas12a activities using PAM-engineered Toehold Switches for sensing applications	Neda Bagheri	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
577	O2.313	Chemical Metabolomics – New Chemical Biology Tools to Explore Gut Microbiome Metabolism	Daniel Globisch	Chemistry Meets Biology for Health - 8	Tuesday, 9th July, 2024 16:00
578	O3.204	High-Valent Cobalt(III) Complexes for the Fluorination of Organic Substrates	Ana Geer	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
582	FP4.602	Unravelling catalytic mechanisms in confined environments with insights from covalent organic frameworks	Michelle Ernst	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
594	O4.303	In situ lipid formation: from functional synthetic cells to cancer therapeutics	Roberto Brea	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
596	O3.802	Exploring the Barriers and Facilitators of Neurodivergent Learners in Tertiary Chemistry Education.	Niamh O'Mahoney	Education, History, Culture Heritage, and Ethics in Chemistry - Understanding research and research data, inclusive chemistry education	Wednesday, 10th July, 2024 10:00
597	FP2.402	Recyclable Palladium Single-Atom Catalysts for the Room-Temperature, Light-Induced Ullmann Homocoupling of Aryl Halides	Areti Moutsiou	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
601	FP1.214	In situ study of isopropanol dehydration to propylene: an outstanding energetic approach.	Tristan Cabanis	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
603	FP3.103	Synthesis and characterization of liquid crystalline mesophases	Saima Ansari	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
604	FP4.203	New Generation of Stand-Alone Electrodes Bearing Single-Atom Catalysts for Organic Electrosynthesis	Milla Vigliengo	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
606	O3.105	Organocascade reactions of functionalized α -amidosulfones in the asymmetric construction of substituted γ -lactams	Antonio Massa	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
612	O3.428	Structural Modification of Bimetallic Pd-Pt Heterogeneous Catalysts for Efficient and Selective Hydrodeoxygenation of Biomass-Derived Building Blocks	Gianvito Vilé	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30



Original reference	Congress programme code	Title	Presenting	Programme session	Session date and start time
614	FP3.301	Fluorescence imaging of MMP9 activity in COPD: a FRET-labelled targeting peptide combined with a nanoconstructed delivery system	Susana Costa	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
615	O4.810	An innovative approach to disclose Paleolithic stone tools as bio-archives	Elena Badetti	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage in chemistry	Thursday, 11th July, 2024 13:15
616	FP2.605	Development of a green spectrophotometric method for the determination of Cu ²⁺ in aqueous matrices	Prisco Prete	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
617	O3.403	Heterogeneous catalysts for the oxidation of low density polyethylene to value-added chemicals	Rachel Breen	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
618	O2.427	Chemical Vapour Transport for the Recovery of Critical Resources from Semi-Conductor Materials	Klaus Müller-Buschbaum	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
620	O4.711	Synthesis of fine-tuned azophotoswitches	Mihaela Matache	Supramolecular Chemistry - 15	Thursday, 11th July, 2024 13:15
622	O4.209	Well-defined Covalent Organic Framework Stabilizing Isolated Palladium Single Atoms for Selective and Leaching-Resistant Cross Coupling and Hydrogenation Catalysis	Gianvito Vilé	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
623	O1.709	Dynamic and stable G-quadruplex-based supramolecular bioinks for biomedical applications	João Borges	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
624	O2.408	SeaFeed: Seaweed bioactives supplemented animal feeds. Green chemistry methods of seaweed extraction.	Patrick Bailie	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
625	O2.708	Unveiling the potential of polyaminosquaramide polymers for high-efficiency gene delivery across challenging biological contexts	Carmen Rotger	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
626	O1.608	Molecular Modeling as a Predictive Tool for the CO ₂ Adsorption Properties of Nitrogen-Containing Porous Organic Materials	Ivan Kodrin	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
629	O4.603	Development of a rapid quantitative method of analysis of Carbohydrate Fatty Acid Esters (CFAE) reaction mixtures using qHNMR.	Abinash Nayak	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
631	O1.602	MetaInference simulations to interpret small angle scattering experiments	Henrique Cezar	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
632	FP2.501	Potential of spray-coating deposited Ti ₃ C ₂ T _x MXene as electrode on all-oxide capacitors	Iuliana M. Chirica	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
633	O4.216	Harnessing electric field-assisted heterogeneous catalysis for monoterpene cyclization under flow	Augustina Jozeliūnaitė	Catalysis - Electrocatalysis 2	Thursday, 11th July, 2024 13:15
634	O4.111	Carbohydrates as Chiral Auxiliaries for Stereoselective Azide-Alkene Cycloadditions and New Compound Generation: Batch vs Flow	Aaron McCormack	Advances in Synthetic Organic Chemistry - 14	Thursday, 11th July, 2024 13:15
637	O4.409	Recovery and valorisation of unsorted fish processing side-streams: the first 36 months of the H2020 "EcoFISHent" project	Federica Turrini	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
638	O2.613	Crumbling crystals	Niamh O'Neill	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
642	O3.809	A mixed method, multi-phase case study that explores the factors that influence success in higher order problem-solving task in Chemistry.	Michelle Bolger	Education, History, Culture Heritage, and Ethics in Chemistry - Ethics and education in chemistry	Wednesday, 10th July, 2024 13:30
644	O3.508	Ti12-MOFs as promising photocatalysts for H ₂ production	Georges Mouchaham	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
651	O4.801	Environmental impact of sustainable conservation and restoration of Cultural Heritage via Life Cycle Assessment methodology: the case study of Chichén Itzá.	Chiara Ruini	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
652	FP2.505	Sulfur-doped carbon nitrides serve as disordered, visible-light responsive materials with enhanced optical properties for photoelectrocatalysis	Pablo Jiménéz-Calvo	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
659	O1.619	Machine learning supports line-scan hyperspectral imaging analysis to predict the temperature production of biochar	Hong Pham	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
661	O2.714	Redox-active Covalent Organic Frameworks as promising organic electrodes for metal-ion batteries	Manuel Souto	Supramolecular Chemistry - 8	Tuesday, 9th July, 2024 16:00
664	O1.208	MXenes as efficient supports for the direct oxidation of methane	Mihaela Florea	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
666	FP1.101	MODULAR SYNTHESIS OF BENZOYLPIRIDINES EXPLOITING A CATALYST- FREE REDUCTIVE ARYLATION STRATEGY	Antonella Alfano	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
669	O4.621	Periodic quantum embedding in the near-term quantum computing era	Stefano Battaglia	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
670	O3.710	Using visible light to reversibly tune the viscosity of peptide-based solutions	Simona Bianco	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
671	FP2.305	Functionalization of HAp and HEMA with bioactive silver camphorimine complexes	Joana Costa	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
674	O4.702	One-Step Dynamic Synthesis of Hydrolytically Stable Chiral Architectures	Cristiano Zonta	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
680	FP4.401	Humidity response of cellulose nanofiber foams derived from upcycled cotton	Agnes Åhl	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
682	FP1.208	Process Intensified Depolymerization of Natural Gums using Combined Treatment of Immobilized Enzymes and Ultrasound	Mayur Ladole	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
684	FP1.204	Sustainable Chemistry: Converting Atmospheric CO ₂ to Formate	Marcileia Zanatta	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00

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685	O1.411	Green Hydrogen Evolution using Solar Energy at Electrodes of Earth Abundant Material detected using Broadband Acoustic Resonance Dissolution Spectroscopy	Christopher Kent	Energy, Environment and Sustainability - Green Hydrogen and Ammonia	Monday, 8th July, 2024 13:30
686	O3.309	Labelling the Unlabellable: Semi-Synthesis of Labelled Polyphenols for Chemical Biology Applications	Stephen Cochrane	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
687	O2.806	ON THE DEGRADATION MECHANISMS OF XVIII CENTURY INKS	Miriam Alberico	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
690	O3.624	Radical stability enhancement through conformational tuning	Marius Haugland	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
692	O2.623	Atomistic simulations of chiral low-dimensional perovskites	Adriana Pietropaolo	Physical, Analytical and Computational Chemistry - Computational 5	Tuesday, 9th July, 2024 13:30
694	O3.101	Synthesis and Structural Modification of New Cage Compounds, the Promising ortho-Benzene Isosteres	Serhiy Ryabukhin	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
696	O2.809	Addressing students' alternate conceptions of chemistry at the transition from secondary to tertiary studies	James Lovatt	Education, History, Culture Heritage, and Ethics in Chemistry - Education and history of chemistry	Tuesday, 9th July, 2024 13:30
700	FP1.507	liquid-based polymer gels as a sorbent versus selective hydride generation atomic absorption spectrometry	Irina Karajova	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
701	O1.720	Construction of self-organized synthetic lipid-based compartments	Federica Souto-Trinei	Supramolecular Chemistry - 5	Monday, 8th July, 2024 16:00
702	FP2.304	Selective Activation of Anticancer Prodrugs: Insights from Bioreducible Palladium Catalysts	Marine Lefèvre	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
703	O1.710	Ion-Dependent Conformational Switching of Bisthioxanthylidenes	Robert Hein	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
706	O2.429	Europium Recovery from E-waste using Bioinspired Redox Active Ligands.	Marie Perrin	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
707	O2.631	Empowering Grignard reagents rational design with machine learning	Marco Bortoli	Physical, Analytical and Computational Chemistry - Computational 6	Tuesday, 9th July, 2024 16:00
710	O1.104	Trimethylsilyltrifluoromethane – Effective Difluorocarbene-Surrogate for Scalable Synthesis of Diverse Cyclopropanes/Cyclopropenes Contained Compounds.	Serhiy Ryabukhin	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
711	FP3.510	Metallosalen functionalization of Keggin-type polyoxometalates	Tuba İftikhar	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
714	O3.631	Controlling the surface of plasmonic nanomaterials for improved SERS and photocatalysis	Steven Bell	Physical, Analytical and Computational Chemistry - Physical and Analytical 7	Wednesday, 10th July, 2024 16:00
715	FP1.216	Porous clay minerals: appropriate catalysts for isopropanol dehydration to propylene ?	Tien Hoang NGUYEN	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
716	O4.204	The effect of N-/O-sites on the electron transfer kinetics of VO ₂ ⁺ /VO ₂ ²⁺ at carbon model electrodes and nanomaterials	Máida Costa de Oliveira	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
717	O2.625	Exploring Lineshape Characteristics of Coumarin-6 Dye in Solution using Time-Dependent Density Functional Theory	Beliz Sertcan	Physical, Analytical and Computational Chemistry - Computational 5	Tuesday, 9th July, 2024 13:30
719	O2.417	Stable and Swellable lignin nanoparticles by hybrid Synthesis Route	Rossella Grappa	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
720	O2.630	The Open Reaction Database	Benjamin Deadman	Physical, Analytical and Computational Chemistry - Computational 6	Tuesday, 9th July, 2024 16:00
722	O4.625	Trans-concerted addition of alkynes : the case of ynamide silylzincation.	Stéphanie Halbert	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
726	O4.511	Photoactive Covalent Organic Frameworks incorporating Gold Nanoparticles synthesised in-situ: a potential material for CO ₂ reduction	Kathryn McCarthy	Nanochemistry/Materials 13	Thursday, 11th July, 2024 13:15
727	FP4.802	Blending Formal and Informal Chemistry Learning for Circular Economy and Sustainability Education	Priya Augusthian	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
735	O4.112	Safe Flow Generation of CH ₂ N ₂ in Multigram Scale for Preparative Organic Synthesis	Dmytro Volochnyuk	Advances in Synthetic Organic Chemistry - 14	Thursday, 11th July, 2024 13:15
741	O4.208	Ethylene hydrogenation via Rh(III)-dimers: a mechanistic study	Inga Schmidtke	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
743	O2.403	Streamlined CO ₂ conversion – a platform strategy for modern carbonylation chemistry	Katharina Bica-Schröder	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
744	O3.410	Graphene Derivatives for Energy Storage	Michal Otyepka	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
745	FP4.607	Trace analysis of chloride, nitrite and nitrate in processed meat products using a novel and validated 2-dimensional ion chromatography method	Bradley Afanda	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
746	O4.203	Operando optical analysis of OER active sites in doped Co ₃ O ₄ metal oxide nanocatalysts	Laura Kampermann	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
747	O3.426	Enzyme immobilisation as a central tool for bioprocess optimisation	Sebastian Cosgrove	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
748	O2.406	Photocatalytic CO ₂ Reduction for Methanol Production: Ex-ante LCA to predict Environmental Implications	Sujata Patil	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
749	O4.103	Reduction of Resource Use and Waste Generation in Synthesis: Low Waste Nucleophilic Substitutions	Peter Byrne	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00

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750	O2.713	Self-assembly of responsive Cu-Zn double-dynamic helicates	Antonio Santoro	Supramolecular Chemistry - 8	Tuesday, 9th July, 2024 16:00
751	O1.703	Synthesis and structural characterization of ordered MIL-53(Al)-derived nanoporous carbon	Maria Mihet	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
752	O4.611	Highly Lewis acidic group 13 catalysts for the conversion of CO ₂ and epoxides to cyclic carbonates: A DFT design criteria study	Ryan Lewis	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
753	O2.819	An Inter-Institutional Investigation on using Virtual Laboratory Simulations for a Blended Approach to Laboratory Education.	Denise Rooney	Education, History, Culture Heritage, and Ethics in Chemistry - Gamification and virtual reality in chemistry education	Tuesday, 9th July, 2024 16:00
758	O2.117	Synthesis of Monoacylglycerols (MAGs) Lipids for the use in In Meso Crystallisation of Membrane Proteins	Tasadaque Syed	Advances in Synthetic Organic Chemistry - 9	Tuesday, 9th July, 2024 16:00
759	O3.111	Culmination of the development of the stoichiometric asymmetric Grignard synthesis of tertiary alcohols and Its first catalytic version	Declan Gilheany	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
764	FP1.601	Substituted phenylhydroxycarbenes in the carbonyl-ene reaction in solution	Nikolaos Vagkidis	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
765	O2.309	Two Copper-involving Anticancer Strategies: an in vitro and in vivo Comparison	Chiara NARDON	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
766	O3.633	Hydrogen Isotopes in Nuclear Fusion-Relevant Materials: from the atom to the macroscopic scale	Yves Ferro	Physical, Analytical and Computational Chemistry - Physical and Analytical 8	Wednesday, 10th July, 2024 16:00
767	O3.717	A Water Soluble Star-polymer as a Photochemical-Scissor for Lysozyme	Lidia Mezzina	Supramolecular Chemistry - 13	Wednesday, 10th July, 2024 16:00
768	O2.802	Weighing the Spectral: Stephen Hales's Chymical Analysis of Air	Justin Begley	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
770	O1.706	Supramolecular functional hybrid nanomaterials based on Cyclodextrins for health and sensing applications	Mariachiara Trapani	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
771	O1.719	Liquid crystalline cellulose photonic microactuators	Aoife Donohoe	Supramolecular Chemistry - 5	Monday, 8th July, 2024 16:00
772	O4.108	A Radical Route to α -Substituted Enones	Bartosz Bieszczad	Advances in Synthetic Organic Chemistry - 14	Thursday, 11th July, 2024 13:15
773	O3.212	Deciphering deuterium source selection in site-selective hydrogen isotope exchange	Sergio Barranco	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
774	O3.610	It's not a S(KZ)CAM! Many-body methods for surface chemistry have come of age!	Benjamin Shi	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
775	O4.411	A holistic approach for the full valorization of fish waste within circular blue-economy: the Limofish process	Francesco Mauriello	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
777	O3.632	Cathodic Hydride Formation and Structure-Activity Relations in Hydrogen Evolution Reaction on Palladium Surface	Apinya Ngoipala	Physical, Analytical and Computational Chemistry - Physical and Analytical 8	Wednesday, 10th July, 2024 16:00
780	O3.708	Stimuli-responsive supramolecular DNA-based structures	Erica Del Grosso	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
781	O2.420	Sustainable Approaches Towards Organoboron Polymers, Macro- and Polycycles	Holger Helten	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
782	FP2.205	Monitoring the Stability of commonly used photocatalysts by High-Throughput Experimentation	José Garrido-González	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
784	O1.302	Affinity-based probes to identify adenosine-cytosine bisubstrate analogue target in cancer cells	Marie Lopez	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00
786	O2.116	Propylphosphonic anhydride (T3P®): a versatile coupling reagent towards an iterative solution methodology for sustainable peptide chemistry	Dario Corbisiero	Advances in Synthetic Organic Chemistry - 9	Tuesday, 9th July, 2024 16:00
789	FP3.302	Intracellular behaviour of metallacarboranes through the lens of stimulated Raman spectroscopy	Neville Murphy	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
791	FP1.217	Continuous Flow Production of γ -Valerolactone from methyl-levulinate promoted by MOF-derived Al ₂ O ₃ -ZrO ₂ /C non-noble metal catalysts	Emilia Paone	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
792	O2.816	"Science does not live by itself, but by the culture of those who pursue it." A new series of autobiographies	Eva Wille	Education, History, Culture Heritage, and Ethics in Chemistry - History of chemistry	Tuesday, 9th July, 2024 16:00
793	O2.817	Lydia Maria Sesemann (1845–1925) – the first woman to earn a Ph.D. in chemistry	Gisela Boeck	Education, History, Culture Heritage, and Ethics in Chemistry - History of chemistry	Tuesday, 9th July, 2024 16:00
794	O4.309	Emerging Tools for Targeting and Sensing Non-Canonical DNA Structures	Jorge Gonzalez-Garcia	Chemistry Meets Biology for Health - 13	Thursday, 11th July, 2024 13:15
796	FP3.601	From macro- to micro-scale fabrication of electro-active soft actuators	Annael Sort-Montenegro	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
804	O4.709	Towards biocompatible artificial molecular machines: the dynamic covalent chemistry approach	Fredrik Schaefelberger	Supramolecular Chemistry - 15	Thursday, 11th July, 2024 13:15
805	FP4.504	Exploring superparamagnetic iron oxide nanoparticles, from rapid isolation of protein corona to advanced diagnostics	Anna Nakonechna	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
810	O2.516	Copper(I) and Silver(I) Complexes in Light-Emitting Electrochemical Cells	Sophia Lipinski	Nanochemistry/Materials 7	Tuesday, 9th July, 2024 16:00
815	O3.514	Small materials to uptake Technology Critical Elements from waters	Daniela Tavares	Nanochemistry/Materials 10	Wednesday, 10th July, 2024 16:00



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818	O4.704	Wide-gamut dynamic structural colour; when hope and history rhyme.	Colm Delaney	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
822	O4.408	Hazelnut shells as efficient biosorbents to remove rare earth elements from contaminated waters	Eduarda Pereira	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
824	O1.503	4D actuators for micro-robotics – Design, materials and fabrication	Larisa Florea	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
826	FP4.605	In situ second-harmonic generation imaging of supramolecular chiral fibres	Dong Chen	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
829	O1.301	Semisynthetic approaches for studying post-translational modifications: lessons learnt from cytokines	Marina Rubini	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00
831	O1.222	Natural Ionic Systems for CO ₂ valorization into fuels	Luis Branco	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
833	FP2.101	Continuous Flow Electrochemical Cyanation of Sparteine	Duarte Clemente	Advances in Synthetic Organic Chemistry - 6	Tuesday, 9th July, 2024 10:00
837	O2.513	Ambipolar N-doped PAHs. A unique strategy for the efficient TADF OLED emitters.	Marcin Lindner	Nanochemistry/Materials 7	Tuesday, 9th July, 2024 16:00
838	FP3.509	Smart, size-controlled polymeric nanoparticles: when process meets chemistry	Madeline Vauthier	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
841	O2.204	Rapid and scalable photocatalytic C(sp ²)-C(sp ³) Suzuki-Miyaura cross-coupling of aryl bromides with alkyl boranes	Luca Capaldo	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
847	O1.704	Is Porosity essential to enable Water decontamination from Persistent and Mobile Organic Compounds?	Soumya Mukherjee	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
852	FP1.403	Biochar from the Plantain Tree as Adsorbents for Rural Water Purification.	Ihesinachi Kalagbor	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
853	O4.612	Theoretical modelling of the adsorption of neutral and charged sulphur-bearing species on to olivine nanoclusters	Jessica Perrero	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
855	O2.808	How to teach electrolysis: learning from history	Hasok Chang	Education, History, Culture Heritage, and Ethics in Chemistry - Education and history of chemistry	Tuesday, 9th July, 2024 13:30
857	O2.812	Evaluation of Improvements to the Student Experience in Chemical Engineering Practical Classes: from Pre-Labs to Post-Labs	Kevin Morgan	Education, History, Culture Heritage, and Ethics in Chemistry - Education and history of chemistry	Tuesday, 9th July, 2024 13:30
858	O4.418	Chemical upgrading of biomethane to formaldehyde	Sebastian Wohlrab	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
860	FP3.605	A COMPUTATIONAL STUDY OF A HIGH-SPIN Fe(I) COMPLEX FOR POSSIBLE DINITROGEN REDUCTION TO AMMONIA	Charlie Pollock	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
861	O3.814	A short history of Chemistry in Belfast: From Andrews to Zeolites	Kevin Morgan	Education, History, Culture Heritage, and Ethics in Chemistry - Irish contributions to science, history of chemistry and education	Wednesday, 10th July, 2024 16:00
862	O3.107	Catalysis to increase complexity: stereoselective synthesis of sp ³ -rich building blocks	Mariola Tortosa	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
863	O2.803	Teaching the history of pneumatic chemistry: combustion, phlogiston and microchemical experiments for the classroom	Brigitte Van Tiggelen	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
865	O2.302	Modulation of the Bioaccessibility and Bioavailability of Immunogenic Cow's milk Peptides using Dietary Polyphenols	Rodolfo Pinto Simões	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
868	O3.702	Repurposing a Catalytic Cycle for Driving Dissipative Self-Assembly	Shuntaro Amano	Supramolecular Chemistry - 10	Wednesday, 10th July, 2024 10:00
869	O3.408	Enhancing Indoor Perovskite Photovoltaic Performance via Surface Defect Passivation Utilizing Bilayer Hole Selection Layers	Chih-Ping Chen	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
870	FP2.602	Determination of bromophenols in urine via aqueous acetylation, salt-assisted liquid-liquid extraction and gas chromatography - mass spectrometry	JAVIER PEÑA	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
874	FP3.303	Screening of multivalent ligands for carbohydrate-binding proteins by microarray	Shirley Ooi	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
875	O4.206	Computational Modeling of Carbon Monoxide Dehydrogenase Model Systems for CO ₂ Fixation	Julien Panetier	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
878	FP1.603	Recent advances in scattering techniques in colloid science and cosmetic research	Izabela Nowak	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
879	O1.314	Metalloids as modulators of amyloid aggregation in neurodegenerative diseases: insights in their mechanisms of action	Daniela Marasco	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
881	O2.424	Strategies towards the sustainability of layered oxide cathodes for sodium-ion batteries	José Tirado	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
882	O4.412	Enhanced anodic performance of olive waste-derived carbons for sodium-ion batteries	Alejandro Medina	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
883	O2.622	Toward computation of NMR chemical shifts for paramagnetic metal-organic frameworks	Michael Bühl	Physical, Analytical and Computational Chemistry - Computational 5	Tuesday, 9th July, 2024 13:30
885	FP1.608	Accelerated First-Principles Exploration of Structure and Reactivity in Graphene Oxide	Zakariya El-Machachi	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
887	O2.108	Building C-C and C-N bonds in a sustainable manner: two heterogeneous catalysts to promote dehydrogenative condensations	Rosa Adam	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30

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Original reference	Congress programme code	Title	Presenting	Programme session	Session date and start time
888	O2.608	Unraveling the behavior of Ca anode in B-containing salt electrolytes: a computational study	Pierre Beaujean	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
889	O4.214	Innovative catalysts and counter electrode side conditions: advancing electrocatalytic CO ₂ reduction with metal organic chalcogenolate assemblies	Hannah Rabi	Catalysis - Electrocatalysis 2	Thursday, 11th July, 2024 13:15
890	O3.211	Pushing the boundaries of asymmetric hydrogenation with the hydrogenation of acyclic tetrasubstituted enones.	Oscar Pàmies	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
891	O3.625	MEMBRANE FOR THE DIRECT IMMERSION THIN-FILM MICROEXTRACTION OF PARABENS IN WATER	Philiswa Nomngongo	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
893	O3.412	A Hydroxylated Pendant Charged Substituent for a new Generation of Organic Redox-Active Molecules for pH-neutral Aqueous Flow Batteries	Carlo Caianiello	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
895	O1.126	A General and Highly Versatile Heterogeneous Pd-Catalyzed Oxidative Aminocarbonylation of Alkynes with Aromatic and Aliphatic Amines	Jose R. Cabrero-Antonino	Advances in Synthetic Organic Chemistry - 5	Monday, 8th July, 2024 16:00
896	O3.304	Zinc-responsive bioinspired magnetic resonance imaging contrast agents	Luke Marchetti	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
897	O1.714	Towards the Formation and Stabilization of molecule-based chiral Interfaces across different Platforms	Sven Bernaerts	Supramolecular Chemistry - 3	Monday, 8th July, 2024 16:00
898	O4.205	Tin dendrite electrocatalyst for CO ₂ reduction to formic acid in acidic media with a 3D-printed hybrid flow-cell	Amrita Singh-Morgan	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
900	O3.602	Tailoring thermally activated delayed fluorescence (TADF) emitters towards efficient electrochemiluminescence in aqueous media.	ALESSANDRO ALIPRANDI	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
901	O3.714	Improved super-resolution imaging with cucurbituril-encapsulated fluorophores	Liza Briant	Supramolecular Chemistry - 12	Wednesday, 10th July, 2024 16:00
906	O4.210	Elucidating the Mechanism of the Homogeneous rWGS Reaction	Petra Vasko	Catalysis - Organometallic Catalysis 4	Thursday, 11th July, 2024 10:00
907	O2.205	Blue-LED Synthesis of Pummerer's Ketones by Peroxidase-Lignin-Catalyzed Oxidative Coupling of Substituted Phenols	Davide Piccinino	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
912	O3.406	Ionic liquid technology for (bio)catalytic depolymerization of polyurethane foam wastes.	Pedro Lozano	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
913	O2.712	New selective PET based nanoporous membranes functionalized with MOFs for diffusion-osmotic mixing for blue energy optimization	Francesca Gambassi	Supramolecular Chemistry - 8	Tuesday, 9th July, 2024 16:00
915	O1.119	Acid-catalyzed shuttling of thiols and H ₂ S via a bioinspired β -sulfonium elimination	Jesse Dallenés	Advances in Synthetic Organic Chemistry - 4	Monday, 8th July, 2024 16:00
919	O1.103	Recent innovations in nitration chemistry: from reagent design to catalytic processes	Dmitry Katayev	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
921	FP1.502	Magnetic properties of supramolecular assemblies of Fe(II) based on diamiononaphthalene imine ligands	Carmen Anayely Cruz Galvan	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
923	O3.520	Advancing Energy and Biomaterial Applications: Synergistic Enhancement through Atomic Layer Deposition in Nanocomposites	Igor Iatsunskiy	Nanochemistry/Materials 11	Wednesday, 10th July, 2024 16:00
924	O1.309	Photocyclization to form new cell permeable pseudocyclopeptides	basile Pérès	Chemistry Meets Biology for Health - 2	Monday, 8th July, 2024 10:00
925	FP3.507	Covalent Organic Frameworks-based hybrid materials for heterogeneous photocatalysis	Alicia Moya	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
926	FP2.702	Interaction of positively charged β -cyclodextrin derivatives with PFAS	Michal Rezanka	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
927	O2.112	Heterobenzylic C-H Functionalisation of Higher Azoles: Strategies for High Productivity and Exploiting Unstable Intermediates	Graeme Barker	Advances in Synthetic Organic Chemistry - 8	Tuesday, 9th July, 2024 16:00
929	O4.807	Developing molecular and nanostructured materials to prevent biodeterioration of stone heritage	Scott Mitchell	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage in chemistry	Thursday, 11th July, 2024 13:15
930	O3.207	NEW CATALYSTS FOR THE SYNTHESIS AND THE CHEMICAL RECYCLING OF BIODEGRADABLE POLYESTERS	Claudio Pellecchia	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
933	O1.228	Chemo-enzymatic approach for CO ₂ transformation into cyclic carbonate esters in solvent-free systems	Rocio Villa	Catalysis - Biocatalysis 2	Monday, 8th July, 2024 16:00
934	FP1.506	Synthesis of molecular organo-f-element-polyposphides with non-classical divalent lanthanide precursors.	David Frick	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
935	O4.703	Circularly polarized emission of TPE-decorated triarylamine trisamide supramolecular polymers	Teodor Cucuiet	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
937	O2.301	Sustainable synthesis of nutraceutical and cosmetic products by means of biocatalysis and eutectic mixtures	Susana Nieto	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
938	FP4.704	Molecule-Programmable 3D-Printed Electronics: Switches & Biosensors	Jose Muñoz	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
939	O2.610	Molecular dynamics of post-lithium battery electrolytes : priorities and challenges	Defne Saraç	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
940	O4.427	Electrocatalysts for Oxygen Reduction Reaction: Unveiling Novel Insights in Synthesis and Physico-Chemical Characterization.	Christian Durante	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15
941	O2.411	Metal-organic Frameworks and Their Biodegradable Polymer Composites for Controlled and Sustainable Delivery of Herbicides	Sanjit Nayak	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00



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943	O3.716	Investigation of porphyrin interactions with a mature miRNA: insights into secondary structures and stability modulation	Gabriele Travagliante	Supramolecular Chemistry - 13	Wednesday, 10th July, 2024 16:00
945	O3.621	Additive manufacturing technologies for the development of novel boron-doped diamond-based electrodes	Simona Baluchová	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
946	O1.712	Single-layered peptide assemblies for controllable membrane activity	Tamás Beke-Somfai	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
949	O2.207	Microfluidic and Organocatalytic Approaches for the Sustainable and Green Synthesis	Bojan Bondzic	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
950	O3.305	Metal-based therapeutics: exploring the structure-property relationships in systematically designed polyimine metal-complexes	Sylvia Draper	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
952	FP3.202	Cooperative effect in tandem α -alkylation/H-transfer reaction catalyzed by Ru(II)-Ir(III) NHC-bridged complexes	Genesis Ramos Guzmán	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
953	FP3.406	Sorbitan ester additives as lubricity enhancers for bio-hydrogenated diesel: A comprehensive study	Atthaphon Maneedaeng	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
956	O4.405	Cationic Covalent Organic Frameworks as Anion Exchange Membranes for Electrochemical Energy Applications	Patrick Fortin	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
957	O1.221	Catalytic CO ₂ Reduction with Heptacoordinated Cobalt and Iron Polypyridine Complexes	Federico Droghetti	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
958	O4.423	Investigating the pH buffering effects of PAA as a binder for the aqueous processing of LNMO	Killian Stokes-Rodriguez	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15
961	O1.220	Exploring the Potential of Catalysts based on the Heavier Group 13 Elements for Cyclic Carbonate and Cyclic Dithiocarbonate Synthesis	Christopher Whiteoak	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
962	FP1.218	Controlling proton-coupled electron-transfer processes for efficient photochemical water oxidation catalysis	Mirco Natali	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
963	O1.105	Detection and Characterization of Rapidly Equilibrating Glycosylation Reaction Intermediates Using Exchange NMR	Floor ter Braak	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
971	FP3.304	Poly(amino acid) NPs ABCs; Applications, Benefits, and Characteristics	Thomas Leigh	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
972	O4.622	NHC-induced ring contraction reactions of triple-decker sandwich complexes: An electronic structure study of dependence on Valence Electron Count (VEC)	Gaurav Joshi	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
975	O3.627	Get it before you need it: a fully-automated data pipeline for physical property predictions	Maxime Tarrago	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
981	O2.211	Computational exploration of photoredox catalyzed reactions: from regioselectivity to chirality	Ignacio Funes-Ardoiz	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
983	O1.102	Illuminating Routes to Complex Organoboron Scaffolds via α -Boryl Radicals	Lewis McGhie	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
987	O3.303	The meandering of [M(CO) ₃] ⁺ (M = Mn, Tc, Re) fragments & clusters into macromolecular frontiers	Alice Brink	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
988	O1.616	Machine learning of Gaussian basis sets for use in computational chemistry	Grant Hill	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
990	FP1.219	Noble metal-free porous CuO-CeZr _{1-x} O ₂ catalysts for catalytic combustion of volatile organic compounds with excellent activity and selectivity	Wouter Van Hoey	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
992	FP4.302	Synthesis and bioactivity of isoflavones from Ficus carica and some non-natural analogues	Vaderament-Alexe Nchizem-Ngnitedem	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
994	O1.507	Diamond open access: an equitable approach to scholarly publishing	Barbara Hissa	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
999	O1.125	Chemoselective reductive functionalization of amides using Schwartz's reagent: a versatile tool for late-stage amide modification and drug discovery	Bartomiej Furman	Advances in Synthetic Organic Chemistry - 5	Monday, 8th July, 2024 16:00
1000	O2.312	Development of Flavo-Metalloids for Application in Medicinal Inorganic Chemistry	María Jesús Plata	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
1001	O3.502	The tricky story of black titania – A spectroscopic study on the reduction of titania	Lore Van den Bergh	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1003	FP3.505	Volatile Organic Selenides and Tellurides for ALD Technique	Daniel Pokorný	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1007	FP3.501	Phase selective colloidal synthesis of alkali metal-based chalcogenide Na-Cu-S nanocrystals	Hannah McKeever	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1009	O1.211	Nickel Tungstated Zirconia Catalytic Hydrocracking of Low-Density Polyethylene (LDPE) Plastic Wastes	Edidiong Asuquo	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
1011	O2.632	Quantum chemistry and machine learning workflows to predict regioselectivity in electrophilic aromatic substitutions	Carlo Gaggioli	Physical, Analytical and Computational Chemistry - Computational 6	Tuesday, 9th July, 2024 16:00
1014	FP3.401	Biomimetic Sunflower Pollen Hybrid: a Novel Heterostructured Photocatalyst Boosting Visible-Light-Driven Antibiotic Degradation	Albert Serrà	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
1015	O2.106	Modular synthesis of highly substituted aromatic compounds by [(1+2)+3] benzannulation	Guillaume Mollaert	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
1016	FP2.102	Development of unsymmetrical anthracene platforms as singlet oxygen batteries	Paul De Bonfils	Advances in Synthetic Organic Chemistry - 6	Tuesday, 9th July, 2024 10:00

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1017	O1.502	Interactive, communicating supraparticles obtained via forced-assembly of nano and molecular building blocks	Karl Mandel	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
1019	O3.202	D2-symmetric tetra-N-heterocyclic carbene complexes for catalytic oxidation reactions	David Jenkins	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
1023	FP4.509	Metal-containing ionic liquids for immobilization on 2D materials	Petra Ecorchard	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
1024	O2.402	Cu ₂ O/bio-MOFs for an efficient photoelectrochemical production of alcohols from CO ₂	Ivan Merino-Garcia	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
1028	O3.417	Sphere-shaped cellulose-based motile particles for water remediation	Carla Vilela	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
1030	O1.620	Navigating catalytic reaction space: Automated approaches for new insights	Miguel Steiner	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
1035	O1.315	Exploring the chemical factors that can enhance singlet oxygen production	Laura Rodríguez	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
1037	O3.104	Capsaicinoids: Continuous flow synthesis, complexation with cyclodextrins and biological activity	Erika Bálint	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
1038	O3.815	A flow chemical laboratory practice: synthesis of paracetamol	Erika Bálint	Education, History, Culture Heritage, and Ethics in Chemistry - Irish contributions to science, history of chemistry and education	Wednesday, 10th July, 2024 16:00
1040	O4.426	Oxygen redox activity in high-energy layered oxides cathodes: new design hints for Na-ion battery	ARIANNA MASSARO	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15
1041	O2.611	Unveiling key interactions at TiO ₂ -anatase/PEO interfaces: a metadynamics study	ARIANNA MASSARO	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
1046	O2.607	New Insights on Molecular Reactivity at Electrode-Electrolyte Interfaces with Advanced First-Principles Embedding Methods	Francesca Fasulo	Physical, Analytical and Computational Chemistry - Computational 4	Tuesday, 9th July, 2024 10:00
1049	O2.311	Multitargeting, heterobimetallic complexes with likely hypoxia activation: synthesis, characterization and biological evaluation	Péter Buglyó	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
1051	O1.114	Illuminating phenol dearomatization through singlet oxygen chemistry	Vincent Coeffard	Advances in Synthetic Organic Chemistry - 3	Monday, 8th July, 2024 13:30
1052	O4.421	Bio-Derivable Crosslinked Polyesters as Circular, Sustainable Replacements for Oil-Based Polymers in Composites	James Comerford	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
1053	O4.215	Functional and innovative carbon nitride/hydroxyapatite composite material for efficient carbon dioxide electrocatalytic reduction to formic acid	Michele Bigica	Catalysis - Electrocatalysis 2	Thursday, 11th July, 2024 13:15
1056	O1.117	First Total Synthesis of Caerulomycin K: A Case Study on Selective, Multiple C-H Functionalizations of Pyridines	Alessandro DImasi	Advances in Synthetic Organic Chemistry - 3	Monday, 8th July, 2024 13:30
1057	O2.109	Selective Cobalt Catalysis with Light	Christopher Teskey	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
1061	O1.310	The strategic integration of C1 substitution in N-aryl-1,2,3,4-tetrahydroisoquinoline compounds for enhanced inhibition of cholinergic enzymes	Aleksandra Bondžić	Chemistry Meets Biology for Health - 2	Monday, 8th July, 2024 10:00
1062	O2.418	2,2,5,5-Tetramethylolxolane (TMO): a Greener Alternative to Hazardous Volatile, Non-Polar Solvents	Fergal Byrne	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
1065	FP4.801	DigiChem: Creating an International Digital Study Environment for Sustainable Chemistry	Richard Göttlich	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
1067	O3.311	How to inhibit Streptococcus pneumoniae growth by clicking cell wall biopolymers	Yung-Sing Wong	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
1068	O1.210	An Amorphous Lewis-acidic Zirconium Chloro Fluoride as HF Shuttle: C-F Bond Activation and Formation	Christian Heinekamp	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
1070	O1.626	Automated computational chemistry and machine learning workflows in chemistry	Juan V. Alegre-Requena	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Monday, 8th July, 2024 16:00
1071	FP2.603	Development of a new analytical method for the quantification of polycyclic aromatic hydrocarbons emitted by wood-fired ovens used in pizzerias	Andrea Bergomi	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
1075	O1.408	Application of Plasma chemistry for Hydrogen (H ₂) recovery from Hydrogen Sulfide (H ₂ S) Decomposition	Rupali Gautam	Energy, Environment and Sustainability - Green Hydrogen and Ammonia	Monday, 8th July, 2024 13:30
1077	O3.611	Unveiling Earth's phosphorus dawn and fate: computational explorations of P-bearing mineral surfaces in the tapestry of prebiotic chemistry	Marta Corno	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
1079	FP2.703	Covalent organic oxa-cages as versatile building blocks for porous materials and supramolecular chemistry	Khamidulla Tukhtaev	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
1080	O1.123	Thermal vs. non-thermal effects of IR irradiation in Palladium-catalyzed cross-dehydrogenative coupling of polyfluoroarenes with heteroarenes	Gianluigi Albano	Advances in Synthetic Organic Chemistry - 5	Monday, 8th July, 2024 16:00
1081	O3.310	Design, synthesis, immunological evaluation and NMR studies of conjugate vaccine candidates derived from the tumor-associated MUC1 antigen and a saponin adjuvant.	Alberto Fernandez-Tejada	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
1082	O3.612	Unveiling new insight on oxygen release at IrO ₂ interface via an embedded multireference approach	Francesca Fasulo	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
1086	O3.413	Atomically-precise all-in-One precursor for in-situ preparation of highly graphitized carbon-coated LFP cathodes	Evgeny Dikarev	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
1087	O2.210	Using light and/or electricity to transfer coupled protons and electrons	Pablo Garrido Barros	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30

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1090	O1.707	Supramolecular Assembly and Alkali Metal Intercalation of Contorted Molecular Nanographenes upon Multi-Electron Uptake	Marina Petrukina	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
1092	O1.305	Tool Compounds Enabling a Molecular Understanding of Monoamine Transporters	Marko Mihovilovic	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00
1093	O4.804	The Green Chemistry Educational Initiative in Austria	Marko Mihovilovic	Education, History, Culture Heritage, and Ethics in Chemistry - Contributions from education, history of chemistry and cultural heritage to sustainable development	Thursday, 11th July, 2024 10:00
1094	FP4.403	Valorization of tomato skins: lycopene ultrasound-assisted extraction using α -pinene, DES menthol-thymol and extra virgin olive oil as extraction solvents	Lorenza Marinaccio	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
1095	O1.203	Regioselective hydroboration of alkenes catalyzed by quaternary ammonium salts	Paweł Huninik	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
1096	O3.603	Mapping the controlled hydrothermal synthesis of materials with Principal Component Analysis	Peter Dunne	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
1099	O4.420	Pressure Dynamics in Lignocellulosic Biomass Pyrolysis: Unravelling Product Distribution and Carbon Structural Transformations	Abhisek Sahoo	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
1106	O1.409	Photo-assisted production of green ammonia-based fuels	Joaquim Faria	Energy, Environment and Sustainability - Green Hydrogen and Ammonia	Monday, 8th July, 2024 13:30
1108	O2.629	Using AI for good: a new way to alert to chemicals of emerging concern.	Kate Bromfield	Physical, Analytical and Computational Chemistry - Computational 6	Tuesday, 9th July, 2024 16:00
1109	O3.216	Amine assisted direct air capture and integrated catalytic conversion of CO ₂ to cyclic carbonates	Ji Yun Kim	Catalysis - Organometallic Catalysis 3	Wednesday, 10th July, 2024 16:00
1110	O1.108	Site-selective Electrochemical Arene C–H Amination	Eva Maria Alvarez	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
1112	O2.216	CO ₂ Reduction using 3d Metal Quaterpyridine Catalysts and Organic Sensitizer	Chi Leung	Catalysis - Photocatalysis 3	Tuesday, 9th July, 2024 16:00
1113	O2.705	Nonstatistical Assembly of Multifunctional Coordination Cages	Guido Clever	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
1115	O2.709	Modulation of bambusuril anion affinity and selectivity	Vladimír Šindelář	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
1118	O4.626	Metal-Based Drugs Targeting Histone Proteins: Insights from a Computational Perspective	Andrea Levy	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
1119	FP3.409	Biopolymer-based mixed matrix composite membranes for CO ₂ and CH ₄ simultaneous recovery. Chemical characterization and experimental performance.	Andrea Torre-Celeizabal	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
1120	O3.806	Evaluating the Impact of Project-Based Learning in Supporting Students with the A-Level Chemistry Curriculum in Northern Ireland	Shannon McLaughlin	Education, History, Culture Heritage, and Ethics in Chemistry - Understanding research and research data, inclusive chemistry education	Wednesday, 10th July, 2024 10:00
1121	O4.218	Liquid Organic Hydrogen Carriers: Electro-dehydrogenation of amines into nitriles	Carmen Mejuto	Catalysis - Electrocatalysis 2	Thursday, 11th July, 2024 13:15
1122	O2.428	Continuous-flow synthesis of BiVO ₄ nanoparticles: from laboratory scale to practical systems	Ana Gutiérrez-Blanco	Energy, Environment and Sustainability - Materials for Energy Conversion	Tuesday, 9th July, 2024 13:30
1126	O2.107	Iron-Catalysed Chemo-selective Oxidation of Unprotected Sugars	Laure Benhamou	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
1127	FP1.303	THE EFFECT OF THREONINE ON THE COMPLEX FORMATION AND HYDROLYTIC STABILITY OF THE HUMAN TUB α 1A PROTEIN FRAGMENTS	Balázs Sándor	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
1128	O3.711	Stepwise control of stages in beta-peptide assembly formation	Imola Szegvártó	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
1133	O3.425	HMF valorization through electrochemical methods	Elena Mas-Marzá	Energy, Environment and Sustainability - Biomass Valorisation 2	Wednesday, 10th July, 2024 13:30
1134	O1.705	Unveiling Supramolecular Protein Organization: Insights from Femtosecond X-ray Snapshots of Protein Crystals	Gergely Katona	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
1139	O2.505	H-terminated 2D-Germanene-based Nanoarchitectonics: Surface Engineering and Implementation in Electrochemical Energy Conversion Reactions and Biosensors	Yiming Lei	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
1142	O3.511	Accelerated synthesis and discovery of covalent organic framework photocatalysts	John Ward	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
1145	O4.708	Light-fuelled supramolecular pumps	Stefano Corra	Supramolecular Chemistry - 15	Thursday, 11th July, 2024 13:15
1147	O3.315	[68Ga]-AzaGaDIPY, an efficient NIR-emitting OI/TEP innovative bimodal probe	Ewen BODIO	Chemistry Meets Biology for Health - 11	Wednesday, 10th July, 2024 16:00
1149	O1.521	Sponge-like gels from liquid-liquid phase separation: tortuosity and uptake abilities	Rosangela Mastrangelo	Nanochemistry/Materials 4	Monday, 8th July, 2024 16:00
1152	O2.209	Investigating the dark arts of photoredox catalysis	Samuel Horsewill	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
1153	O4.219	Surface Chemical Functionalization of MoS ₂ Derivatives with Strong Acids: Fostering Hydrogen Evolution Reaction under Alkaline Conditions	Giulia Tuci	Catalysis - Electrocatalysis 2	Thursday, 11th July, 2024 13:15
1155	O1.124	Tandem Iridium(III)-Catalysed Cycloisomerization Reactions of Functionalized 1, <i>n</i> -Enynes	José Pérez Sestelo	Advances in Synthetic Organic Chemistry - 5	Monday, 8th July, 2024 16:00
1156	O2.510	Polyethylene Based Ionomers as High Voltage Insulation Materials	Silvia D'Auria	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30



Original reference	Congress programme code	Title	Presenting	Programme session	Session date and start time
1158	O1.405	Seaweed-Derived Carbon Dots for Green Energy Applications	Deirdre McAdams	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
1160	O3.217	Bifunctional anthracenyl Buchwald ligands for silver-free gold catalysis	Riccardo Parolin	Catalysis - Organometallic Catalysis 3	Wednesday, 10th July, 2024 16:00
1161	FP4.301	Design, synthesis and anticancer activity of 7-substituted and 5,7-disubstituted purine-based derivatives targeting HDAC6 and Hsp90	Andrea Citarella	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
1162	O2.710	A cavitand receptor of increased flexibility for enantioselective molecular recognition	Agustí Lledó	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
1164	O1.713	Cyclodextrin polymers as versatile tools for homogeneous photochemistry in water to produce oxygen releasing agents	Ilse Manet	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
1165	O4.410	Sustainable valorization of wood ash for dual-functionality in cosmetic/detergent production and eco-friendly concrete formulation	Sylvain Rosset	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
1166	O4.415	Alternative approaches towards a greener large-scale production of γ -valerolactone	Roger Bujaldón	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
1168	O2.208	Photoredox catalysis with one or two photons	Indrajit Ghosh	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
1169	O2.626	Exploring vapour phase infiltration: A theoretical study of PMMA/PLA with TMA	Karl Rönby	Physical, Analytical and Computational Chemistry - Computational 5	Tuesday, 9th July, 2024 13:30
1172	O1.217	PROCESS DEVELOPMENT OF A CYANIDE-FREE SYNTHESIS OF AROMATIC NITRILES VIA BIOCATALYTIC DEHYDRATION OF ALDOXIMES	Maike Bittmann	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
1174	O2.706	Using Twin Screw Extrusion (TSE) as a Route to Sustainable Manufacture	Deborah Crawford	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
1175	FP4.701	Population of Tn excited states on supramolecular gold(I) complexes	João Lima	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
1177	O2.815	A chemistry of the imponderable? Marie and Pierre Curie and the discovery of polonium and radium	Annette Lykkes	Education, History, Culture Heritage, and Ethics in Chemistry - History of chemistry	Tuesday, 9th July, 2024 16:00
1180	FP2.701	Enrichment of histone tail methylated lysine residues via cavitand-decorated magnetic nanoparticles for ultra-sensitive proteomics	Rosita Nicoletta Gentile	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
1182	FP2.403	PHOTOELECTROCHEMICAL C-H ACTIVATION WITH DYES ENABLING PROTON-COUPLED ELECTRON TRANSFER	Elena Rossin	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
1183	O2.508	Polymerizable DES as reactive dispersion media for the efficient preparation of carbon nanotubes-based functional materials	Francesco Giacalone	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
1184	O3.518	POLYOXOMETALATE-IONIC LIQUIDS ON INORGANIC MEMBRANES FOR MICRO/NANO PLASTIC REMOVAL FROM WASTEWATER	Nicolás Gracia-Vallés	Nanochemistry/Materials 11	Wednesday, 10th July, 2024 16:00
1185	O2.814	Marie Skłodowska-Curie and the Revolution in Science	Tomasz Pospieszny	Education, History, Culture Heritage, and Ethics in Chemistry - History of chemistry	Tuesday, 9th July, 2024 16:00
1186	FP3.403	Trace Elements Monitoring in Mediterranean Sea Water	Giorgia Mattei	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
1187	O1.614	Modeling electrocatalytic MOFs - Cation coupled electron transfer facilitates reduction	Mårten Ahlquist	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
1188	O3.613	Exploring the photomagnetism dynamics of Manganese(III) single molecule magnets	Julien Eng	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
1189	O3.614	Many-Electron Approaches to Electron Transport in Single-Molecule Junctions	Péter Szalay	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 10:00
1190	O4.607	MACHINE LEARNING-BASED CORRECTION FOR SPIN-ORBIT COUPLING EFFECTS IN NMR CHEMICAL SHIFT CALCULATIONS	Markus Bursch	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
1191	O4.610	Automated generation of databases of large C-H clusters for the training of deep learning models in the context of astrophysical research	Xuewen XIAO	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
1193	O3.617	How many explicit solvent molecules do I really need? A combined swarm intelligence/ quantum chemistry approach to automatic microsolvation.	Bernardo de Souza	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
1196	O1.612	Ferretting out the drug delivery behaviour of β -cyclodextrin nanosponges through classical molecular dynamics	Riccardo Ferrero	Physical, Analytical and Computational Chemistry - Computational 1	Monday, 8th July, 2024 10:00
1197	O1.209	Role of the iron spin state in the oxygen atom transfer (OAT) and hydrogen atom transfer (HAT) reactions catalysed by [Fe(III)(Pyclen)] complexes	Alessandro Caselli	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
1199	O2.620	Accelerating computations of organometallic reaction energies through hybrid basis sets.	Marcelo Tavares de Oliveira	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
1201	FP2.607	Monitoring of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Water Run-off using a Portable Microfluidic Fluorescent System	Caolte O'Rourke O'Cuirrin	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
1202	O2.214	Mechanistic investigations in light-driven synthetic chemistry. From direct photochemistry to organophotoredox catalysis	Luca Dell'Amico	Catalysis - Photocatalysis 3	Tuesday, 9th July, 2024 16:00
1205	O3.404	Plastic Waste, the Raw Material of a Circular and Sustainable Future: Open Loop Recycling of Polyethylene Empowered by Olefin Metathesis	Robert Tuba	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
1207	O4.616	RGB Analysis of Nail Polishes with Thin-Layer Chromatography in Forensic Science	Ozlem SIMSEK	Physical, Analytical and Computational Chemistry - Physical and Analytical 10	Thursday, 11th July, 2024 13:15
1209	O1.316	Fluorogenic hyaluronan nanogels track early protein aggregates under oxidative stress	Damiano Genovese	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30

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1210	FP4.604	protein affinity in severe COVID-19 disease and decreased IgA and IgG affinity over time	Michelle Kilcoyne	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
1214	FP3.502	MetalMorph: Control of interconnect metal morphology	Karl Rönby	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1216	O1.603	Revisiting the optical band gaps of Co3O4 using molecular methods	Anneke Dittmer	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
1219	O2.509	Carbon materials based on hydrogen cyanide prebiotic chemistry	Marta Ruiz-Bermejo	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
1220	O4.505	Design of stimuli-responsive materials for therelease of active molecules	Teresa Paduano	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
1222	O4.508	Synthesis of Symmetrical vs Asymmetrical Metallophthalocyanines as Hole Transporting Materials in Perovskite Solar Cells	Ángela Sastre-Santos	Nanochemistry/Materials 13	Thursday, 11th July, 2024 13:15
1224	O3.622	An Electroactive Graphene-based Bio-Inks for the Manufacture of Fully Inkjet-Printed Paper-Based Analytical Devices	Alessandro Silvestri	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
1225	O4.110	Electroorganic oxidation of bisquinolizidine alkaloids: Access to sparteine derivatives	Jaime Coelho	Advances in Synthetic Organic Chemistry - 14	Thursday, 11th July, 2024 13:15
1226	FP1.301	Affinity-Driven Categorization of Antimicrobial and Cell-Penetrating Peptides in Vesicle Interactions	Imola Cs. Szgyártó	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00
1228	FP3.204	Highly Robust and Efficient Blechert-Type Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Olefin Metathesis	Antonio Del Vecchio	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
1232	O1.311	Targeting the calcium release-activated calcium channel using peptidomimetics	Pedro A Sánchez-Murcia	Chemistry Meets Biology for Health - 2	Monday, 8th July, 2024 10:00
1235	O3.405	Evaluation of enzymatic polymer degradation: Insights into the influence of additives on the recycling of plastic waste	Ana M. Ferreira	Energy, Environment and Sustainability - Circular Plastics	Wednesday, 10th July, 2024 10:00
1241	O3.601	Determination and assessment of thermodynamic properties of chalcogenide perovskites for prospective applications in photovoltaic cells	Lorenza Romagnoli	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
1243	O4.510	Impact of the Substitution Pattern on the Performance of the Carbazole-Based Hole-Selective Monolayers	Artiom Magomedov	Nanochemistry/Materials 13	Thursday, 11th July, 2024 13:15
1245	O3.715	Fluorescent bicolor indicators for Ba++ ion chelation in a dry medium	Fernando Auria-Luna	Supramolecular Chemistry - 12	Wednesday, 10th July, 2024 16:00
1246	O4.102	Development of a New Organocatalyzed Domino aza-Michael/Morita-Baylis-Hillman Reaction: Stereoselective Synthesis of Substituted Piperidin-2-ones	Sébastien Comesse	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
1248	O3.619	Accurate description of environment effects on triplet states: role of state-specific polarization response and dispersion interactions	Ciro Guido	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
1249	FP4.703	TESTING THE ON SURFACE BEHAVIOUR OF MONO- AND BI-COLOR SENSORS FOR Ba2+ TAGGING EXPERIMENTS: A PROOF OF CONCEPT	Juan Molina Canteras	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
1250	O2.206	Catalytic hydrogenation of chlorate ions in water phase by using bimetallic catalysts	Antonio Palomares	Catalysis - Photocatalysis 1	Tuesday, 9th July, 2024 10:00
1251	O1.101	Sequential Catalysis with Molecular Flavins: Combining Diverse Reactivity	Golo Storch	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00
1252	O2.807	Evaluation of fatty acid methyl esters (FAMESS) as a green alternative to common solvents in conservation treatments.	Andrea Macchia	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
1253	O4.601	Unraveling the Thermodynamics of Noncovalent Interactions Governing Capping Agents on Silver Nanoparticles: A Focus on Unnatural Amino Acids.	Horacio Poblete	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
1255	O2.305	The Vesuvian Piennolo Tomato (Lycopersicon esculentum Miller) leaves a food waste product as a source of bioactive compounds with anti-aging potential	maria maisto	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
1257	FP2.604	Exploring chirality transfer in lead- and tin- chiral perovskites	Mariagrazia Fortino	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
1258	FP3.703	On-surface synthesis of large-area 2D boroxine polymers	Brecht Koek	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
1260	O4.501	Diamond nanomaterials for applications in biomedicine, catalysis and quantum science	Anke Krueger	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
1262	O1.721	Insights on non-equilibrium compartmentalized systems revealed by quantifying kinetic asymmetry in multi-cycle networks	Ahmad Bachir	Supramolecular Chemistry - 5	Monday, 8th July, 2024 16:00
1265	FP3.603	Insight into the elementary steps of SO2 oxidation in the gas phase. A joint mass spectrometric and theoretical approach	Anna Troiani	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
1268	FP2.207	Titanium-based MOF@AgNPs for environmental applications	Lorenzo Viacava	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
1269	O2.316	Photoredox catalysis to trigger photocross-link of aromatic azides for application on living organisms.	Meven JOBIC	Chemistry Meets Biology for Health - 8	Tuesday, 9th July, 2024 16:00
1271	O4.605	NMR analysis of bio-oils - new multidimensional and multinuclear approaches	Robert Evans	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
1273	O2.603	Pyro-electrohydrodynamic jet (p-jet)sensor for testing picogram level of different protein biomarkers for a prompt diagnosis of neurodegeneration syndromes.	Concetta Di Natale	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
1274	O3.414	Use of Cu(I)-I coordination compounds to substitute lanthanide compounds as downshifters for the increase of efficiency of photovoltaic modules	Ricardo Garsed	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00

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1277	O4.311	Alizarin as a selective carrier in cytotoxic Pt(II) complexes toward Triple Negative Breast Cancer (TNBC)	Giorgio Facchetti	Chemistry Meets Biology for Health - 13	Thursday, 11th July, 2024 13:15
1278	O3.703	Development and non-equilibrium functions of a supramolecular chemical oscillator	Michael Howlett	Supramolecular Chemistry - 10	Wednesday, 10th July, 2024 10:00
1279	O3.634	Electronic and ensemble effects in PdCu alloys: From bulk and dilute surface alloys down to the single atom limit	Lars Grabow	Physical, Analytical and Computational Chemistry - Physical and Analytical 8	Wednesday, 10th July, 2024 16:00
1281	O4.305	Computational Approaches to Innate Immunity Modulation: Understanding Toll-like Receptors 2 and 4	Sonsolés Martín-Santamaría	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
1284	FP4.601	Multi-residue Liquid Chromatography-Mass Spectrometric Method for the Analysis of 30 Perfluoroalkyl Compounds in Sea Water	Alessandro Familiari	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
1286	FP1.501	Investigation of Novel Fe(III) SCO Complexes and Hybrid Materials	Francesca Adami	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
1289	O1.403	Lignin-based materials for potassium batteries	Federico Bella	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00
1290	O4.419	Influence of Branching on the Physicochemical Properties of Saturated Fatty Acid Esters Synthesized from Linear and Branched Diols	Rosa Vitiello	Energy, Environment and Sustainability - Biomass Valorisation 3	Thursday, 11th July, 2024 13:15
1292	O1.718	An improbable rotaxane: how cucurbituril allows blue box binding to a cationic flavylum axle with high stability and stimuli responsiveness	André Seco	Supramolecular Chemistry - 4	Monday, 8th July, 2024 16:00
1300	O4.624	Accurate prediction of ligand binding for a flexible protein using P-score ranking.	Peter Ibrahim	Physical, Analytical and Computational Chemistry	Thursday, 11th July, 2024 13:15
1301	O1.604	1,2-Diarylazaindoles: Design, synthesis and photophysical characterizations	Joana Ferreira	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
1303	O2.811	Effective laboratory work in undergraduate chemistry studies	Odilla Finlayson	Education, History, Culture Heritage, and Ethics in Chemistry - Education and history of chemistry	Tuesday, 9th July, 2024 13:30
1304	O1.231	Copper Nanowires Synthesis and Their Application as Efficient Electrocatalysts for CO ₂ Conversion	Sabrina Antonello	Catalysis - Heterogeneous Catalysis 3	Monday, 8th July, 2024 16:00
1307	O2.507	Synthesis, electronic properties and on-surface chemistry of novel cyclobutadiene-containing polycyclic conjugated systems	Dolores Pérez	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
1308	O3.630	Spatial and Temporal Analysis of Contaminants of Emerging Concern (CECs) in Dublin Bay: Presenting a Marine Biofilm as New Sampling Device	Enrique Díaz-Montaña	Physical, Analytical and Computational Chemistry - Physical and Analytical 7	Wednesday, 10th July, 2024 16:00
1309	O4.608	Synergizing X-Ray Fluorescence and Machine Learning in Archaeometallurgy	francesco armetta	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
1310	FP4.402	Valorization of insect biomass to produce bioplastics.	Ana Ribeiro	Energy, Environment and Sustainability - Upgrading of Biomass Waste Streams	Thursday, 11th July, 2024 10:00
1311	O2.504	Molecular Engineering of Selenophene-based Organic Semiconductors – Backbone Modification of TIPS-pentacene	Brigitte Holzer	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
1313	O1.520	Towards recyclable 2D material-based nanofiltration membranes for water purification	Áine Coogan	Nanochemistry/Materials 4	Monday, 8th July, 2024 16:00
1315	FP2.704	Engineering of giant unilamellar vesicles via development of light-switchable amphiphiles	Simone Cataldini	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
1318	O3.503	2D-Metal with locked charge density wave, in the novel layered Monophosphate tungsten bronzes [Ba(PO ₄) ₂]W _m O _{3m-3}	Olivier Mentré	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1319	FP1.220	Rh and Pd nanoparticles supported on sheep wool: a green and versatile method for in-flow continuous reductions	Nicola d'Alessandro	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30
1320	FP1.606	Exploring Aromaticity and UV-Vis Absorption Correlations in Phthalocyanines and Subphthalocyanines	Silvia Escayola	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
1321	O3.214	Predictive Catalysis by DFT towards green chemistry.	Albert Poater	Catalysis - Organometallic Catalysis 3	Wednesday, 10th July, 2024 16:00
1322	O2.315	Uncovering the Structural, Chromatic and Photo Features of Amino-Based Flavylum Dyes: Prospects for Photodynamic Inactivation of Bacteria	Patrícia Correia	Chemistry Meets Biology for Health - 8	Tuesday, 9th July, 2024 16:00
1323	O4.620	TEMPO-oxidized cellulose nanofibril/polyvalent cations hydrogels: a multifaceted view of network interactions and inner structure	Arianna Rossetti	Physical, Analytical and Computational Chemistry - Physical and Analytical 10	Thursday, 11th July, 2024 13:15
1324	O2.303	Liquid Chromatography-Mass Spectrometry as a tool for multiplex allergen analysis in complex foods.	Linda Monaci	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
1326	O1.504	Self-healing, stretchable and recyclable electronics	Fabio Ciccoira	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
1327	O3.517	Surface functionalization of halloysite clay nanotubes by biological macromolecules: novel nanoplateforms for biomedical applications	Giuseppe Cavallaro	Nanochemistry/Materials 11	Wednesday, 10th July, 2024 16:00
1328	O3.109	Scale-up of an asymmetric sp ³ -sp ² Suzuki-Miyaura type reaction	Laura Cunningham	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
1330	O2.821	Multimodal Teaching via Gamified Practical Activities – The Virtual Scientist	Stephan Levonis	Education, History, Culture Heritage, and Ethics in Chemistry - Gamification and virtual reality in chemistry education	Tuesday, 9th July, 2024 16:00
1332	O3.626	Android Voltammetry: Instrument-free electrochemical sensing with a mobile phone.	Conor Hogan	Physical, Analytical and Computational Chemistry	Wednesday, 10th July, 2024 13:30
1333	O4.310	Delineating the Interactions of Pyrrole-based Metal Chelates with Human Serum Albumin	Orde Munro	Chemistry Meets Biology for Health - 13	Thursday, 11th July, 2024 13:15

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1334	FP3.503	Ionic Systems as Greener Lubricant Alternatives for Metallic Surfaces	Mariana Donato	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1335	FP4.507	Ionic liquid crystals as sustainable materials for electronic purposes	Andreia Santos	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
1337	O2.407	Development of ionogels for reversible CO ₂ capture	Noémi Jordão	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
1339	O2.307	METAL-MEDIATED ABIOTIC REACTIONS in LIVE CELLS	José Mascareñas	Chemistry Meets Biology for Health - 7	Tuesday, 9th July, 2024 13:30
1341	FP2.302	Functional Role of Bitter Taste Receptors Activated by Chemotherapeutic Drugs	Sofie Zehentner	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
1342	O1.321	Investigation of Pillarplexes towards DNA recognition and X-ray Imaging	Alexander Pöthig	Chemistry Meets Biology for Health - 4	Monday, 8th July, 2024 16:00
1344	O3.606	Fine-tuning the properties of conductive polymer layers for target applications	Vessela Tsakova	Physical, Analytical and Computational Chemistry - Physical and Analytical 5	Wednesday, 10th July, 2024 10:00
1345	O2.412	Unlocking phenolic compounds bioaccessibility during the in vitro digestion of apple pomace flours	Ana Fernandes	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
1346	O2.501	Taking a Closer Look at the Structure, Surface Chemistry, and Conversion of Atomically Precise Semiconductor Clusters	Brandi Cossairt	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
1347	O2.421	HOME Chemistry: A Sustainable Alternative for Future Organometallic Reactions	Chao-Jun Li	Energy, Environment and Sustainability - Green Synthetic Methodologies	Tuesday, 9th July, 2024 13:30
1348	O3.615	Hydrogen bonding with hydridic hydrogen – experimental low-temperature IR and computational study: is a revised definition of hydrogen bonding appropriate?	Pavel Hobza	Physical, Analytical and Computational Chemistry - Computational 8	Wednesday, 10th July, 2024 13:30
1349	O3.306	Nanobrachytherapy of Cancer with Radiolabeled Nanoparticles	Penelope Bouziotis	Chemistry Meets Biology for Health - 9	Wednesday, 10th July, 2024 10:00
1350	O1.112	Recent adventures in catalysis and beyond	Bill Morandi	Advances in Synthetic Organic Chemistry - 2	Monday, 8th July, 2024 13:30
1352	O3.213	Industrial Scale Enantioselective Hydrogenation using Pfaltz-Type Catalysts	Christoph Schötes	Catalysis - Organometallic Catalysis 2	Wednesday, 10th July, 2024 13:30
1353	O2.413	Phenolic Stability in Fruit Purees: Effect of Refrigeration and Pasteurization	Raquel Nunes da Silva	Energy, Environment and Sustainability - Nutrition and Food	Tuesday, 9th July, 2024 10:00
1354	O4.509	Role of organic cations on structure and charge carrier transport of 2D hybrid perovskites	Wojciech Pisula	Nanochemistry/Materials 13	Thursday, 11th July, 2024 13:15
1355	O2.506	Novel optical and dynamic properties of metal halide perovskite quantum dots and nanoclusters	Jin Zhang	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
1356	O2.615	Sensor arrays formed by molecularly imprinted polymers for the resolution of mixtures of electroactive compounds with help of machine learning tools	Manel del Valle	Physical, Analytical and Computational Chemistry - Physical and Analytical 4	Tuesday, 9th July, 2024 13:30
1358	O4.201	Multifunctional materials for thermocatalytic conversion of CO ₂	Maricruz Sanchez-Sanchez	Catalysis - Electrocatalysis 1	Thursday, 11th July, 2024 10:00
1360	O2.304	CA 21149 ACRYRED: Reducing acrylamide exposure of consumers by a cereals supply-chain approach targeting asparagine	Zuzana Ciesarova	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
1361	O1.313	SideroArt: how to exploit artificial siderophores for molecular imaging applications	Elzbieta Gumienna-Kontecka	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
1362	O4.306	Expanding the medicinal chemistry repertoire for vector-borne parasitic diseases	Maria-Laura Bolognesi	Chemistry Meets Biology for Health - 12	Thursday, 11th July, 2024 10:00
1363	O4.512	On-surface synthesis of porphyrinoids and other polycyclic molecules	Willi Auwärter	Nanochemistry/Materials 13	Thursday, 11th July, 2024 13:15
1364	O3.805	Evolution of the individual and collective human consciousness as the basis for scientific inquiry	Hans W. Steisslinger	Education, History, Culture Heritage, and Ethics in Chemistry - Understanding research and research data, inclusive chemistry education	Wednesday, 10th July, 2024 10:00
1365	O2.401	Catalytic Conversion of Carbon Dioxide with Heterogeneous Catalysts: Mechanistic Insights through Operando Spectroscopy and Microscopy	Bert Weckhuysen	Energy, Environment and Sustainability - Carbon Dioxide as Feedstock	Tuesday, 9th July, 2024 10:00
1368	O2.306	Authenticity and integrity of foods: unravelling food supplements adulteration	Joana Amaral	Chemistry Meets Biology for Health - 6	Tuesday, 9th July, 2024 10:00
1370	O1.212	Grinding nickel compounds – Mechanochemistry in complexes synthesis.	Natalia Pietras	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
1371	O1.213	A Catalyst Life and its Circumstances	Beatriz Roldan Cuenya	Catalysis - Heterogeneous Catalysis 1	Monday, 8th July, 2024 10:00
1375	O2.804	Heritage science – where chemistry and humanities come together	Matija Strlic	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
1376	O1.214	Photochemistry, Organocatalysis & Enzymes: New Radical Opportunities	Paolo Melchiorre	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
1377	O3.421	Comprehensive environmental monitoring by leveraging HRMS instrumental and data processing advances	Nikolaos Thomaidis	Energy, Environment and Sustainability - Pollutant Control and Remediation	Wednesday, 10th July, 2024 13:30
1378	O4.706	Chiral nanocrystals growth Inside porous Silica Nanohelices	Reiko Oda	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
1380	O1.225	Molecular chemistry concepts for the design of nanocatalysts	Karine PHILIPPOT	Catalysis - Heterogeneous Catalysis 2	Monday, 8th July, 2024 13:30

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1381	O3.201	Hybrid Molecular Materials for Energy Applications	Antoni Llobet	Catalysis - Organometallic Catalysis 1	Wednesday, 10th July, 2024 10:00
1383	O1.501	Molecular-Scale Hardware that Mimic Synapses	Christian Nijhuis	Nanochemistry/Materials 1	Monday, 8th July, 2024 10:00
1384	O3.307	Molecular probes for the detection of pathogens and reactive oxygen species	Boris Vauzeilles	Chemistry Meets Biology for Health - 10	Wednesday, 10th July, 2024 13:30
1385	O3.512	MODIFYING METAL-ORGANIC FRAMEWORKS FOR IMPROVED PERFORMANCE IN GLOBALLY RELEVANT SEPARATIONS.	Wendy Queen	Nanochemistry/Materials 9	Wednesday, 10th July, 2024 13:30
1386	O3.106	Rethinking enantioconvergent reactions	Andrew Lawrence	Advances in Synthetic Organic Chemistry - 10	Wednesday, 10th July, 2024 10:00
1387	O1.708	PreciseProtein Assembly Driven by Inducing Ligand Strategy	Guosong Chen	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
1388	O4.107	Total Synthesis of Highly Oxygenated Natural Products	Masayuki Inoue	Advances in Synthetic Organic Chemistry - 14	Thursday, 11th July, 2024 13:15
1389	O2.701	Bio-inspired Cage Catalysis	Paul Lusby	Supramolecular Chemistry - 6	Tuesday, 9th July, 2024 10:00
1390	O4.106	Ultra-concise asymmetric syntheses of Strychnos alkaloids	Edward Anderson	Advances in Synthetic Organic Chemistry - 13	Thursday, 11th July, 2024 10:00
1391	O4.307	Luminescent metal complexes for imaging and therapy	Ramon Vilar	Chemistry Meets Biology for Health - 13	Thursday, 11th July, 2024 13:15
1392	O3.701	Towards active matter: Driving chemical systems away from equilibrium	Leonard Prins	Supramolecular Chemistry - 10	Wednesday, 10th July, 2024 10:00
1393	O4.407	Bioinspired supramolecular photosynthesis: the quantasome vision	Marcella Bonchio	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
1394	O3.430	Lignin-based fuels, chemicals and polymers: Integrated biorefineries and circularity	Konstantinos Triantafyllidis	Energy, Environment and Sustainability - Towards Circular Carbon	Wednesday, 10th July, 2024 16:00
1395	O1.606	Investigation of electrode processes using dual dynamic voltammetry	Gyöző Láng	Physical, Analytical and Computational Chemistry - Physical and Analytical 1	Monday, 8th July, 2024 10:00
1396	O2.104	Bismuth Redox Catalysis	Josep Cornella	Advances in Synthetic Organic Chemistry - 7	Tuesday, 9th July, 2024 13:30
1397	O1.306	Chemical Tools to Structurally Mimic Protein Domains and Disrupt Protein Interactions	Gilles Guichard	Chemistry Meets Biology for Health - 1	Monday, 8th July, 2024 10:00
1398	O4.712	Light-Powered Molecular Devices	Jiří Kaleta	Supramolecular Chemistry - 15	Thursday, 11th July, 2024 13:15
1399	O3.501	Machine-learning-driven advances in modelling inorganic materials	Volker Deringer	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1401	O4.613	AC-MODULATED AND LOCALIZED-XPS PROVIDES THE MISSING LINK ABOUT THE DYNAMICS OF METAL/IONIC LIQUID INTERFACES	Sefik SUZER	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
1404	O4.507	Exploiting porphyrin-based multi-qubit architectures as potential quantum logic-gates	Fabio Santanni	Nanochemistry/Materials 13	Thursday, 11th July, 2024 13:15
1406	O2.512	Diamondoids as the Next Generation Carbon Materials	Peter Schreiner	Nanochemistry/Materials 6	Tuesday, 9th July, 2024 13:30
1409	O3.712	Chemical reaction networks based on conjugate additions to beta-substituted Michael acceptors	Rienk Eelkema	Supramolecular Chemistry - 11	Wednesday, 10th July, 2024 13:30
1411	O1.509	Vanadyl-containing paddlewheel complexes as molecular spin quantum bits	Andrea Cornia	Nanochemistry/Materials 2	Monday, 8th July, 2024 13:30
1412	O4.615	Spectral imaging and chemometrics for advanced characterization	Aoife Gowen	Physical, Analytical and Computational Chemistry - Physical and Analytical 10	Thursday, 11th July, 2024 13:15
1415	A-03	Organic Framework Materials as Inspiration for Functional Molecular Systems	Oliver Dumele	Supramolecular Chemistry - 9	Tuesday, 9th July, 2024 16:00
1416	A-04	PhotocatalyticATRP and RAFT Depolymerization; Temporal Regulation at low Catalyst Loadings	Athina Anastasaki	Energy, Environment and Sustainability - Towards Circular Carbon	Wednesday, 10th July, 2024 16:00
1420	O4.428	Silver triggered energy release of 1,2-dihydro-1,2-azaborines	Robert Richter	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15
1421	O1.116	Hypervalent iodine reagents: the missing link for C-N and S-N bond formation	Maria Marques	Advances in Synthetic Organic Chemistry - 3	Monday, 8th July, 2024 13:30
1423	O1.308	Examples to demonstrate the importance of solution equilibrium research in developing of metal-based drugs	Etelka Farkas	Chemistry Meets Biology for Health - 2	Monday, 8th July, 2024 10:00
1429	O2.711	Enzyme-Mediated Dynamic Combinatorial Chemistry with Cyclodextrins	Sophie Beeren	Supramolecular Chemistry - 7	Tuesday, 9th July, 2024 13:30
1431	O1.118	Exploiting continuous flow technology for the discovery of new reactions.	Marcus Baumann	Advances in Synthetic Organic Chemistry - 3	Monday, 8th July, 2024 13:30
1434	O3.218	ArtScience De Stijl – Analyzing, Quantifying, and Visualizing Molecular Shape	Mathias Senge	Catalysis	Wednesday, 10th July, 2024 16:00
1438	O4.429	ELECTROCAPACITIVE REMOVAL OF MALACHITE GREEN AND METHYLENE BLUE USING GREEN-SYNTHESIZED NIBI ₂ O ₄ NANOSPINELS	James Ramontja	Energy, Environment and Sustainability - Materials for Energy Conversion	Thursday, 11th July, 2024 13:15

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1439	O2.606	New mass spectrometry developments for biophysics	Valérie Gabelica	Physical, Analytical and Computational Chemistry - Physical and Analytical 3	Tuesday, 9th July, 2024 10:00
1444	O1.307	Forecasting vaping health risks through neural network model prediction of e-liquid flavour pyrolysis reactions	Donal O'Shea	Chemistry Meets Biology for Health - 2	Monday, 8th July, 2024 10:00
1445	O1.317	Self-templating mechanically interlocked systems as dual activity antimicrobial candidates	Thomas Rabbitte	Chemistry Meets Biology for Health - 3	Monday, 8th July, 2024 13:30
1447	O2.432	Crystal Engineering: Then, Now and Next	Michael Zaworotko	Energy, Environment and Sustainability - Material Innovation	Tuesday, 9th July, 2024 16:00
1449	FP4.702	Copper indium sulfide quantum dots enabling quantitative visible light photoisomerisation of (E)-azobenzene chromophores	Caterina Bellatreccia	Supramolecular Chemistry - 14	Thursday, 11th July, 2024 10:00
1453	O4.609	Understanding and Optimising the Piezoelectric Lead-Zirconate-Titanate materials	Lakbira EL Atouani	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
1455	O2.218	Improved organocatalytic chemical recycling of polyethylene terephthalate (PET) from beverage bottles	Stephen Connon	Catalysis	Tuesday, 9th July, 2024 16:00
1467	O1.716	Macrocyclic-mediated Protein Assembly	Peter Crowley	Supramolecular Chemistry - 3	Monday, 8th July, 2024 16:00
1468	FP2.502	CONSTRUCTION OF ANODES AND CATHODES BASED ON HETEROATOM- DOPED CARBON NANOSTRUCTURES FOR SODIUM-ION BATTERIES.	Emilio Navarrete	Nanochemistry/Materials 5	Tuesday, 9th July, 2024 10:00
1474	O1.312	Lectin ligand design and synthesis for galactose and sialic acid binding proteins	Paul Murphy	Chemistry Meets Biology for Health - 2	Monday, 8th July, 2024 10:00
1484	O3.108	Enlightening the Reactivity of Heavy Pnictogen Double Bonds	Alessandro Bismuto	Advances in Synthetic Organic Chemistry - 11	Wednesday, 10th July, 2024 13:30
1488	O4.614	Actinide-actinide bonding in the tri-thorium cluster: a DFT study	Josef Tomeček	Physical, Analytical and Computational Chemistry - Computational 9	Thursday, 11th July, 2024 10:00
1492	O3.409	Sustainable, Low-Cost Route to Cellulose Nanocrystals by Electrochemical Oxidation	Neptun Yousefi	Energy, Environment and Sustainability - Biomass Valorisation 1	Wednesday, 10th July, 2024 10:00
1494	O1.410	POM-based oxygen evolution catalyst + 1 framework proposal: Situated green chemistries	Elsje Quadrelli	Energy, Environment and Sustainability - Green Hydrogen and Ammonia	Monday, 8th July, 2024 13:30
1495	O3.504	Sulfonamides incorporating cage-like silsesquioxane moieties with potential biological efficacy	Kamila Fuchs	Nanochemistry/Materials 8	Wednesday, 10th July, 2024 10:00
1497	O4.606	Endofullerenes: Nano-scale test tubes for single molecules and atoms	Malcolm Levitt	Physical, Analytical and Computational Chemistry - Physical and Analytical 9	Thursday, 11th July, 2024 10:00
1499	PL-1	A Tool, an App and a Field: Products of Supramolecular Photoscience from Two Islands	A.P. de Silva	Plenary Lecture 1 - Professor A.P. de Silva	Sunday, 7th July, 2024 16:30
1505	FP4.506	Open POSS cages functionalized with alcohols – synthesis and potential use as biomaterials	Marta Madej-Gajewska	Nanochemistry/Materials 12	Thursday, 11th July, 2024 10:00
1507	O1.206	Amine synthesis by nitro-group reduction; an electrochemically informed approach to heterogeneous biocatalysis	Tara Lurshay	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
1516	O1.701	Supramolecular Hosts: From Energy Intensive Separations to Sensors and Soft Robotics	Niveen Khashab	Supramolecular Chemistry - 1	Monday, 8th July, 2024 10:00
1521	O1.232	Synergy of Piezo-catalysis and Anion Activation: Exploring new frontiers of mechanochemistry in radical organic chemistry	Samuel Andrejčák	Catalysis - Heterogeneous Catalysis 3	Monday, 8th July, 2024 16:00
1522	O1.414	Switchable Paramagnets and their Integration into Nanomaterials	Grace Morgan	Energy, Environment and Sustainability - Material Innovation	Monday, 8th July, 2024 16:00
1524	PL-5	The development of asymmetric organocatalysis and metallaphotoredox	David MacMillan	Plenary Lecture 5 - Professor Sir David W. C. MacMillan	Tuesday, 9th July, 2024 05:15
1529	O1.415	High performing nano-electrocatalyst materials for organic oxidation reaction in hybrid electrolysis	Maida Oliveira	Energy, Environment and Sustainability - Material Innovation	Monday, 8th July, 2024 16:00
1530	PL-3	Innovation by Evolution: Bringing New Chemistry to Life	Frances Arnold	Plenary Lecture 3 - Professor Frances H. Arnold	Monday, 8th July, 2024 17:15
1537	O2.213	Understanding Dynamic Systems with high-resolution operandoFlowNMR Spectroscopy - Methods and Applications to Homogeneous Catalysis	Ulrich Hintermair	Catalysis - Photocatalysis 2	Tuesday, 9th July, 2024 13:30
1539	PL-2	How chemistry will solve the climate problem, fast!	Omar Yaghi	Plenary Lecture 2 - Professor Omar M. Yaghi	Monday, 8th July, 2024 08:30
1540	O4.401	A Straightforward and Efficient Preparation of Metal Phosphides Wrapped in N-Doped Carbon: Application for PEM Water Electrolyzers	Roger Miró Serra	Energy, Environment and Sustainability - Photo- and Electrocatalysis	Thursday, 11th July, 2024 10:00
1541	A-05	Giving Chemistry Direction	David Leigh	August Wilhelm von Hofmann Commemorative Medal	Thursday, 11th July, 2024 15:30
1543	O2.717	The synthesis, stereochemistry and applications of interlocked molecules	Stephen Goldup	Supramolecular Chemistry - 9	Tuesday, 9th July, 2024 16:00
1551	PL-7	Towards a Net Zero World: Developing and applying new tools to understand how electrochemical devices function and fail	Clare Grey	Plenary Lecture 7 - Professor Dame Clare P. Grey	Wednesday, 10th July, 2024 17:15
1555	O1.226	New-to-nature Biocatalysis Methodologies as Tools in Organic Synthesis	Jan Deska	Catalysis - Biocatalysis 2	Monday, 8th July, 2024 16:00
1559	O1.401	Simply Black Magic: Functional carbocatalyst to replace noble metals while expanding the options of chemistry	Markus Antonietti	Energy, Environment and Sustainability - Biomass Valorisation for Material Innovation	Monday, 8th July, 2024 10:00



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1565	O3.813	Notable Irish contributions to science	Sheila Donegan and Eoin Gill	Education, History, Culture Heritage, and Ethics in Chemistry - Irish contributions to science, history of chemistry and education	Wednesday, 10th July, 2024 16:00
1578	PL-8	Nucleophilic Additions : From simple (Felkin-Anh rule) to more complex (Grignard reaction)	Odile Eisenstein	Plenary Lecture 8 - Professor Odile Eisenstein	Thursday, 11th July, 2024 08:30
1614	A-02	Catalytic Alkyne Chemistry: New Reactivity Paradigms and Their Application	Alois Fürstner	Advances in Synthetic Organic Chemistry - 6	Tuesday, 9th July, 2024 10:00
1628	O1.623	Investigation of Gold Nanocomposite Architectures as Effective Cancer Radiosensitising Agents	Susan Quinn	Physical, Analytical and Computational Chemistry - Physical and Analytical 2	Monday, 8th July, 2024 16:00
1638	FP1.209	Streamlining Enzyme Purification and Immobilization using Porous Polymer Monoliths in 3D Printed Platforms	Joseph Ruddy	Catalysis - Biocatalysis 1	Monday, 8th July, 2024 13:30
1656	O1.205	Investigating Sequence-Structure Activity Relationship and New Substrate Scope in Foldamer Catalysis	Naveen Gupta	Catalysis - Organocatalysis	Monday, 8th July, 2024 10:00
1681	O3.706	From morphogenetic matter to the fight against bacterial infections	Nathalie Katsonis	Supramolecular Chemistry - 10	Wednesday, 10th July, 2024 10:00
1682	O1.711	A Platform Approach to Cleavable Macrocycles for the Controlled Disassembly of Mechanically Caged Molecules	Abed Saady	Supramolecular Chemistry - 2	Monday, 8th July, 2024 13:30
1683	A-01	Solid catalysts: From well designed isolated single sites up to surface molecular recognition	Avelino Corma	EuChemS Gold Medal Award Lecture	Sunday, 7th July, 2024 17:30
1684	O2.103	Mechanistic understanding-led transition metal catalyzed C-H functionalization	Igor Larrosa	Advances in Synthetic Organic Chemistry - 6	Tuesday, 9th July, 2024 10:00
1718	O1.322	Unlocking Potential: Metal-Organic Frameworks in Anticancer Drug Delivery	Constantina Papatriantafyllopoulou	Chemistry Meets Biology for Health - 4	Monday, 8th July, 2024 16:00
1725	O1.615	Modelling Chemical Reactions in Solution with Machine Learning Potentials – Balancing Efficiency and Accuracy	Fernanda Duarte	Physical, Analytical and Computational Chemistry - Computational 2	Monday, 8th July, 2024 13:30
1727	O4.312	Shining a light on wound infections: porphyrin-polymers as photosensitizing prodrugs for antimicrobial photodynamic therapy	Deirdre Fitzgerald Hughes	Chemistry Meets Biology for Health - 13	Thursday, 11th July, 2024 13:15
1728	O2.801	Chemicals from seaweed: the remains of an industry	Peter Childs	Education, History, Culture Heritage, and Ethics in Chemistry - Cultural heritage, history of chemistry and education	Tuesday, 9th July, 2024 10:00
1730	PL-4	Telling the Stories of Discovery: The not-so-elementary case of chemical elements	Brigitte Van Tiggelen	Plenary Lecture 4 - Professor Brigitte Van Tiggelen	Tuesday, 9th July, 2024 08:30
1731	O1.106	Organobismuth Reagents for Synthesis and Catalysis	Liam Ball	Advances in Synthetic Organic Chemistry - 1	Monday, 8th July, 2024 10:00