



Original Reference	Congress programme code	Title	Presenting	Presentation day
7	P3.301	Design and synthesis of novel anti-infective inhibitors of the target IspE	Danica Walsh	Wednesday
11	P2.701	H-bond cooperativity: polarisation effects on amides	Fergal Hanna	Tuesday
18	P2.702	The synthesis of methyl acrylate from CO ₂ , catalysed by metal-organic frameworks.	Amy Twomey	Tuesday
22	P3.501	Recycling of Chicken Feather Extract and Y ₂ O ₃ Materials for Thin Film Devices	FU-HSIANG KO	Wednesday
25	P2.601	Novel Materials and Methods for Thyroid Hormone Bioanalysis	Turki Alfuhayr	Tuesday
32	P3.701	Helium Nanodroplets as an Ideal Medium for Characterization of Diamondoid Clusters	Marina Šekutor	Wednesday
33	P3.702	Diamondoid Ammonium Salt (DAS) Inclusion Complexes with Cyclodextrins (CDs)	Marina Šekutor	Wednesday
35	P3.302	Molecular mechanism of CO biosynthesis for the active site assembly of NiFe-hydrogenase	Shigetoshi Aono	Wednesday
39	FP4.508	New glasses for non-linear optical applications	ROCHDI EL ABDI	Thursday
40	FP1.605	Descriptor-Based Modeling of Chiral Bidentate Ligands for Selective Catalysis	Gonzalo Nuñez	Monday
45	FP2.201	Facile synthesis of Sr-doped SnS nanoflakes with enhanced photocatalytic activity for the degradation of diclofenac-sodium and clioquinol under visible light	Sonali Sengupta	Tuesday
54	FP3.504	Synthesis and molecular structure studies of Aluminium (III) complexes with α -ketoiminate and ethanolamine ligands	Leonardo Santoni	Wednesday
56	P3.201	Pd-Catalyzed Dynamic Kinetic Resolution of Pillar[5]arenes	Antoine Konter	Wednesday
57	P1.601	Role of Noncovalent Interactions in an Asymmetric Reductive Deoxygenation of Alcohol Involving a Planar Carbocationic Intermediate	Supratim Ghosh	Monday
58	FP3.604	DFT simulation of complex reaction networks to solve aqueous speciation of polyoxometalates	Jordi Buils	Wednesday
60	P2.101	Mapping the reactivity of endo- and exo-glycols	Sophie Rodrigues	Tuesday
61	FP2.606	Developing WS ₂ -Carbon Quantum Dots Modified GCE Towards the Sensitive Electrochemical Detection of Flutamide, an Anticancer Drug	Yiran Luo	Tuesday
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	Wednesday
75	FP2.104	Continuous flow synthesis of Black Hole Quenchers.	Adam McCormack	Tuesday
79	FP1.211	Catalytic performance of Lithium-modified Zeolite Beta on the synthesis of Glycerol carbonate: A kinetic study	Sanghamitra Barman	Monday
81	P1.602	Carbon Cloth Electrodes for Vanadium Redox Flow Batteries	Monja Schilling	Monday
84	FP3.407	Introduction of biogenic carbon into sustainable aviation fuels: applying aldol condensation and selective hydrodeoxygenation technologies to oxygenated bio-intermediates	Ben Smith	Wednesday
85	P1.501	Synthesis of biotin conjugated highly fluorescent biopolymer based carbon dots for targeted delivery of anti-cancer agents.	Himali Horo	Monday
91	P2.501	Low-filled electrorheological fluids: The role of filler morphology	Nikita Kuznetsov	Tuesday



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94	P3.401	Plasmon-Mediated Artificial Photosynthesis over Magnetron Sputtered Ag/BiVO ₄ composites	Eva Naughton	Wednesday
96	P4.301	Exploiting the role of DECR1 in castration-resistant prostate cancer as a therapeutic strategy	James Chakiris	Thursday
98	P4.601	Insights into Vacuum Drying Parameters for Effective Honey Powder Manufacturing: Preliminary Study	Adrián Fuente-Ballesteros	Thursday
103	FP1.103	Electrosynthesis of Dimeric Butenolides by Anodic Oxidation of 2,4-Diarylfurans	Belen BATANERO	Monday
104	P4.701	Exploring the Intricate Interaction Between Wine-Inspired Pigments and Curcubit[n]urils for Photodynamic Therapy of Non-Melanoma Skin Cancer.	Alexandra Borges	Thursday
106	P1.301	Sweet targets: the search for probes & small molecule inhibitors of GDP-mannose dehydrogenase from <i>Pseudomonas aeruginosa</i>	Jonathan Dolan	Monday
113	P3.615	Synthesis of nickel-chromium catalyst by SHS method for hydrogenation processes	Tatiana Osadchaya	Wednesday
120	FP1.104	Grind, shine and detect: Mechanochemical synthesis of AIE-active polyaromatic amides and their application as anion receptors	Jakub Cyniak	Monday
121	P2.301	Pattern Generation to Decode Thiol-Mediated Uptake	Filipe Coelho	Tuesday
124	P4.201	Unravelling Halogen-Bonding Strengths: A Computational Study on Bidentate Hypervalent Iodine-Based Catalysts	James O'Brien	Thursday
126	P2.413	A chitosan-based film for food wrapping obtained from carapaces of the "blue crab" alien species	Rosaria Costa	Tuesday
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	Monday
128	P3.303	EFFECT OF HELICHRYSUM ITALICUM ESSENTIAL OIL ON ANTIMICROBIAL ACTIVITY	ANITA RAKIĆ	Wednesday
130	P2.602	Improving electrochemical reductions: identifying optimal supporting electrolytes through principal component analysis	Florian Mast	Tuesday
132	P3.703	A highly Permeable Al-Based MOF-Sulfonated Polyaniline/Polyethersulfone Composite UF Membrane with Prominent Antifouling Properties	Ibrahim Alsohaimi	Wednesday
135	FP3.606	Alkali metal mediated dihydrogen activation: Boosting the bond activating capability of alumanyl anions	Keelan Byrne	Wednesday
139	P4.401	The new HRAC Herbicide Mode of Action Classification 2024 - An Essential Contribution to sustainable Agrochemistry	Jens Frackenhohl	Thursday
142	P3.601	Comparative Analysis of High-Performance UF Membranes with Sulfonated Polyaniline: Improving Hydrophilicity and Antifouling Capabilities for Water Purification.	Abdullah Aldawsari	Wednesday
143	FP3.701	Alkyl-Polyglycoside-Dodecanol formulation for enhancing oil recovery efficiency	Lorenzo Veronico	Wednesday
149	P2.302	A GREEN ROUTE FOR THE STABILIZATION AND SMART RELEASE OF ANTIFUNGAL VOLATILES IN CHITOSAN PARTICLES USING CLICK-UNCLICK CHEMISTRY	Ernest Simó-Ramírez	Tuesday
151	FP3.508	A Simple and Versatile Approach for the Low-Temperature Synthesis of Transition Metal Phosphide Nanoparticles	Hooman Ghazi Zahedi	Wednesday
153	P1.401	Nickel-Electrocatalyzed Synthesis of Bifuran-Based Monomers	Valtteri Oksanen	Monday
155	P3.202		M.Ángeles Gutiérrez López	Wednesday
156	P3.602	ROLE OF ELECTRON-CATALYSIS IN DENITRATIVE SUBSTITUTION REACTIONS ON NITROARENES	Tim Renningholtz	Wednesday



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158	FP1.305	Modification of Nucleic Acids with Dioxazaborocanes – Synthesis and Spectroscopic Characterization	Tabea Lenz	Monday
161	FP3.408	Supported Palladium Nanoparticles on N-doped carbons as catalysts for green processes	Oscar Trentin	Wednesday
162	P1.201	Exploring Cholinium-Based Catalysts for PET Recycling: Understanding the Role of Ethylene Glycol Solvent	Diana Bura	Monday
173	P3.502	Design and Characterization of Pyrene-based Derivatives: Exploring the Correlation between Molecular Packing, Aggregation-Induced Emission, and Mechanochromic Luminescence Properties.	Chia-Hsiang Chen	Wednesday
179	P4.302	The Photophysical Study of DNA Binding Phthalocyanine as Combined Photothermal and Photodynamic Therapeutic Agents	Eleanor Windle	Thursday
182	FP1.401	Biomass-based Nanomaterials for Water Purification	Maryam RahimiHaghighi	Monday
184	P4.602	Retention of polycyclic aromatic hydrocarbons in microplastics in fresh water conditions.	Sara Exojo-Trujillo	Thursday
185	P4.603	Cobalt catalyzed asymmetric hydroacylation reaction of 1,3-dienes: Mechanism and origin of regio- and enantioselectivities	Priyanka Kanojia	Thursday
186	P4.702	A journey from small molecules to one-dimensional coordination polymers	Marian Hebenbrock	Thursday
187	P3.203	Supramolecular control of light-driven alcohol oxidation with Ruthenium-Phenothiazine dyads	Marius Müller	Wednesday
189	P4.303	Greening Lipophilicity: Beyond Fluorinated Structural Approaches in Drug Discovery	Matas Misevičius	Thursday
190	P3.101	The Barbier Reaction – A Green Alternative for the Synthesis of Enantioenriched Unsaturated β -Hydroxy Esters	Jan Grammel	Wednesday
192	P1.701	Time-Resolved Fluorescence Imaging with Colour-Changing, "Turn-On/Turn-On" AIE Nanoparticles	Adam Henwood	Monday
199	P2.229	Motor [https://scholar.google.com/citations?view_op=view_citation&hl=es&user=tbkFXeYAAAAJ&sortby=pubdate&citation_for_view=tbkFXeYAAAAJ&as_scd=1]	Cesar Morales-Verdejo	Tuesday
200	P4.101	Selectivities of carbolithiations mediated by two silicon centers	Tristan Mairath	Thursday
202	P1.702	Naturally inspired Calix[4]arene-based Ligand-systems for Complexation of f-Elements.	André Busching	Monday
203	P2.703	Unusual N–H...S Hydrogen Bonds in Compartmental Ni(II)- and Zn(II)-complexes: Characterization and Properties	Vanessa Stephan	Tuesday
204	P4.402	Sustainable Luminescent Solar Concentrators based on poly(methyl methacrylate) from recycled sources	Alberto Picchi	Thursday
205	FP3.404	Assessment of polymeric sorbents for phosphorus recovery	Michela Pacchione	Wednesday
206	FP3.402	Adsorption of chlorine: polymers as efficient chlorine storage matrices at ambient conditions	Alejandro Lorente	Wednesday
209	P1.302	Diversifying chemical modifications and conjugations of ASOs promoting exon skipping for Duchenne Muscular Dystrophy	Emma Groenwold	Monday
210	P1.101	Synthesis of Substituted Benzimidazo-Pyrimidine Structure in one Pot	AMARI Mohamed	Monday
213	P2.201	Modular bidentate catalysts as a strategy to enable enantioselective halogen bonding catalysis	Julian Wolf	Tuesday
218	P1.102	Microwave-based synthesis of sterically demanding aminoalcohol ligands	Thokozire Sweetland	Monday



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220	P3.304	New acyclic systems for the complexation of large ions with potential application as theragnostic agents	Antía Freire García	Wednesday
223	P3.102	Amide Activation: Advancement in the Synthesis of Acylated Compounds	Sunwoo Lee	Wednesday
226	FP2.503	Environmentally Friendly Synthesis of Carbon Dots	Sofia Dominguez-Gil	Tuesday
230	FP1.201	Depolymerization of polyester plastics with iodotrimethylsilane	Xin LIU	Monday
233	FP2.103	H-Phosphonate promoted Alcohol Activation: an Atom Economic route to Alkyl Halide Synthesis	Emma Furlong	Tuesday
234	FP2.206	Tailoring MnFe Prussian Blue Analog-Derived Chalcogenides for Enhanced Alkaline and Low-Grade Water Oxidation	Muhammad Sohail Riaz	Tuesday
235	FP4.303	Pt(IV)-Sunitinib pro-drug conjugates displaying promising anti-cancer activity	Darren Beirne	Thursday
237	P1.103	Synthesis and structure of (Si)-chiral aminoorganysilanol	Franziska Klotz	Monday
238	FP3.102	Carbon dioxide utilisation for construction of high value carboxyl-containing organic products	Rachel Lynch	Wednesday
239	FP3.101	Functionalization of natural Bisquinolizidine alkaloids	Abdullahi Muiz	Wednesday
240	P2.704	Self-complementary dimers based on zwitterionic halogen bond donors	Dana Kutzinski	Tuesday
243	P3.704	Squaramide-based supramolecular hydrogels for 3D cell culture	Isabel Sariol	Wednesday
245	P4.501	Fe-catalyzed chemical vapor deposition grown carbon nanofibers supported on activated carbon beads for the removal of cadmium (II) ions from water	Bhaskar Bhaduri	Thursday
248	P2.303	Towards tumour theranostics: hypoxia activation as a tool for therapy and diagnosis	Léa Diebold	Tuesday
252	P4.304	CHEMOENZYMATIC GLYCOENGINEERING APPROACH FOR THE FORMATION OF SINGLE GLYCOFORM MONOCLONAL ANTIBODIES	Andreea Cislaru	Thursday
255	P4.703	The Interplay of Crystal Structure and Temperature on Non-covalent Interactions: Investigation of Hydrogen Bonds in Macrocyclic Ni(II)- and Co(II)-complexes	Christian Zocher	Thursday
258	P1.104	Green Synthesis of Nitroaryl Thioureas: Cyrene Towards a Sustainable Chemistry	Marco Minneci	Monday
260	P4.202	Structure of protein-surfactant nanoconjugates in deep eutectic solvents and their classification	Claudia Almuzara Romero	Thursday
261	P1.303	Synthesis, characterisation & DNA binding interactions of Ru(II) – pteridinyI complexes	Daniel Graczyk	Monday
262	P3.305	Can carbon dots be used as nanocarrier scaffolds?	Yingru Zhou	Wednesday
264	P4.403	One-pot cellulose upgrading to sorbitol: carbon dioxide-assisted hydrolytic hydrogenation as a sustainable alternative	Giancarmelo Stamilla	Thursday
266	P1.502	Newly designed organic-inorganic nanocomposite membrane for simultaneous determination and speciation analysis of chromium and manganese in water samples	Penka Vasileva	Monday
267	P1.402	Design and application of ionic-liquid functionalized, hollow-fiber membranes for improved CO ₂ separation	Julia Piotrowska	Monday
269	P3.204	Employing Symmetric XB-Based Catalytic Scaffolds for Ring-Opening Polymerisation	Nika Melnyk	Wednesday



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270	P4.102	Friedel Crafts Acylation with bicyclo[1.1.1]pentane derivatives	Freya Ritterling	Thursday
271	P4.305	Hair cortisol as a biomarker of chronic stress, comparison between matrices.	Chiara Maccari	Thursday
275	P4.103	Friedel-Crafts Type Arylation of Aldehydes with Indoles for the Synthesis of Bis-indolyl Methanes (BIMs)	Eirini Galathri	Thursday
276	P3.103	[2+2] Cycloaddition Reactions of Alkenes with N-Substituted Maleimides under UVA or Visible-light Irradiation	Elpida Skolia	Wednesday
278	P1.403	Degradation of perfluorooctanoic acid by plasma-assisted catalysis in a DBD reactor	Daniel Molloy	Monday
279	P4.104	A "Green" Photo-induced Aerobic Oxidation of Aldehydes	Charikleia Batsika	Thursday
280	FP2.504	Design, preparation and mechanochromic features of N-alkyl diketopyrrolopyrrole derivatives dyes embedded in functional polymers.	Luca Soldati	Tuesday
281	P4.203	Photocatalytic reaction of NHPI esters with Vinyl Boronic Pinacol Ester	Naya Stini	Thursday
282	FP2.202	Visible Light Photodegradation of Organic Pollutants by Cu-doped α -FeOOH/ α -Fe ₂ O ₃ Heterostructures	Danica Skoric	Tuesday
283	P1.703	Host–Guest Chemistry of Naphthalene Diimide-based Macrocycles	Bláithín Rawson	Monday
284	P4.502	BODIPY photosensitizers for holographic patterning of photopolymerizable materials	Aimee Sheehan	Thursday
288	P1.202	Supramolecular substrate preorganization at tailored oligonuclear transition metal complexes for improved artificial photosynthesis	MUHAMMAD ABUBAKAR SIDIQ	Monday
289	P4.204	Electrocatalyst for RRO based on SAM-2D-COF systems of porphyrin derivatives supported on Au	Carolina Candia	Thursday
290	FP3.203	Unveiling Nitrene magic: Computational insights into Biomimetic Polycyclization for stereodefined access to trans- and cis-Decahydroquinoline	Emanuele Casali	Wednesday
293	P1.404	Conversion of Food Waste Into Bioadsorbent	Catalina Calin	Monday
295	P2.502	Green Synthesis Of Titanium Dioxide And Zinc Oxide Nanostructures Using Citrullus Colocynthis Peel Extract For Antibacterial And Catalytic Performance	Mohammed GEESI	Tuesday
296	P1.105	9 α ,10 β -Bisangeloyloxy-7-epi-3E-agerafastin	Christian Böhm	Monday
307	FP1.212	Influence of the ligand's electronic donor properties on bis(pyrazolyl)methane based tyrosinase model systems	Dominik Steden	Monday
317	FP1.402	Preparation of hemp-based biocomposites and their potential industrial application	Lorenzo Gallina	Monday
319	FP2.203	Pollutants abatement in aqueous solutions with geopolymer catalysts: a Photo Fenton case	Stefano Savino	Tuesday
320	P3.104	Modulating chitin synthesis in marine algae with iminosugars obtained by SmI ₂ and FeCl ₃ -mediated diastereoselective carbonyl ene reaction	Timo Watzenborn	Wednesday
323	P1.603	Computational exploration of the conformational diversity and chiral recognition mechanism of polysaccharide-based chiral selectors	Fardine Ameli	Monday
324	P4.503	Highly stable deep-red hybrid light-emitting diodes with naphthalenediimide- phosphors	Sara Ferrara	Thursday
325	P1.304	Integrating efficacy with characterisation: pioneering a novel target profile for topical antifungal solutions.	Grace Lawler	Monday



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327	P1.503	Dual-emitting Boron and Nitrogen Doped Molecular Ribbons for Highly Stable Light-emitting Electrochemical Cells	Luca Maria Cavinato	Monday
330	P2.603	Thermokinetic study of functionalized β -D-xylopyranose	Leandro Ayarde-Henríquez	Tuesday
334	P1.106	Harnessing the untapped potential of multiple high-energy species via a safe and scalable continuous flow system	Jonathan Devlin	Monday
335	FP1.702	From aromatic compounds with nitrogen functionalities to polymer thin films and porous organic materials	Ivana Biljan	Monday
337	P3.205	Molecular Ruthenium Cyclopentadienone Bifunctional Catalysts in Aqueous Phase Reforming for the Conversion of Sugar Platforms to Hydrogen	Andrea Piazzi	Wednesday
341	P4.704	Evolving CB[8]:Triphenylphosphonium Binding: from High Affinity to On/Off Supramolecular Switching	Mauro Díaz Abellás	Thursday
343	P1.203	Hydroxyapatite: a renewable and biocompatible support for enzyme immobilization	Leonardo Gelati	Monday
345	P4.105	FeBr ₂ (CO) ₄ as a novel CO surrogate for mechanochemical Pd-catalyzed carbonylations	Tomáš Čarný	Thursday
347	FP4.501	A bioinspired and sustainable route for the preparation of Ag-crosslinked alginate fibers decorated with silver nanoparticles	Pietro Tordi	Thursday
348	FP3.506	MOF-derived nanoporous copper oxides for efficient solar energy harvesting	Sameh Khalil	Wednesday
353	FP1.304	Ferritin-Au(I) bioconjugates as anticancer agents	Lucrezia Cosottini	Monday
354	P2.304	Synthesis of novel Resolvin D2 analogues	Gangireddy Sujeevan Reddy	Tuesday
356	P4.205	Highly hindered tertiary phosphine derived from triptycene scaffold	Antoine Willems	Thursday
360	FP1.202	Development of a bifunctional boron/nitrogen system and a new pyramidal borenium cation	Nicolas Niessen	Monday
363	P2.401	Optimization of the novel process to facilitate the reaction with CO ₂ and CH ₄ for the synthesis of oxygenated compounds	Hyogeun Yang	Tuesday
366	P3.402	Conversion of low-molecular weight hydrocarbons to oxygenated compounds through CO ₂ -consuming pathway	Hanbit Jang	Wednesday
367	FP4.101	Polymer brushes by photo-polymerization of ionic methacrylates with methylene blue	Ilaria Bertuol	Thursday
369	P3.306	Sweet Molecules with a Sulfur Kick: Carbohydrate-Based Derivatives as Pharmacologically Significant Analogues of Natural Isothiocyanates	L. Alberto Prieto	Wednesday
374	P4.705	Controllable self-association of biocompatible amphiphilic block copolymers in solution as a powerful tool to produce vehicles for drug delivery with well-defined structure and tunable properties	Ekaterina Kuznetsova	Thursday
375	FP2.404	Utilisation of Waste Products for Construction of Alkenes	Ashwini Mishra	Tuesday
376	P3.206	Photocatalytic CO ₂ reduction assisted by imidazolium-based ionic liquids	Lisa Eisele	Wednesday
377	P1.204	Determining catalytic viability of phosphorus cations	Christine Coffey	Monday
379	P2.202	Synthesis and Immobilization of Iron-based N-Heterocyclic Carbene Complexes for Water Oxidation	Chiara Lenzi	Tuesday
380	FP4.102	Phosphine-mediated reductive functionalisation of aldehydes.	Dara Curran	Thursday



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382	P1.205	Synthesis and reactivity of difluorophosphoranes and fluorophosphonium cations derived from 9-phosphatriptycene	Sayandip Chakraborty	Monday
389	P2.503	A new concept of therapy for Foreign Body Reactions: innovative delivery systems based on surface modification of polyimide covalently bonded to dexamethasone.	Giulia Turrin	Tuesday
394	P4.306	Hybrid molecules phenothiazine/cinnamic derivatives as MTDL and their biological evaluation	Carola Grondona	Thursday
396	P1.704	Tailoring the first azulene liquid crystals with de Vries behavior and a SmA re-entrance phase	Bianca Wank	Monday
398	FP1.602	Hydration shell around citrate-stabilised gold nanoparticles	Taritra Mukherjee	Monday
400	FP1.404	Esterification-enabled thermoplastic lignin microfibers and magnetite nano-particle hybrids for circular materials	Unnimaya Thalakkale Veetil	Monday
403	P2.102	Lithium amides – Investigation of solubility and reactivity under high reaction temperatures	Jan Frederick Wappelhorst	Tuesday
405	FP4.201	Cobalt based Selenides as Electrocatalysts for water-splitting	Gillian Collins	Thursday
408	P4.307	Fluoride Acceptors for Positron Emission Tomography (PET)	Jens Bittermann	Thursday
409	FP3.405	Unravelling the future of sustainable wastewater treatment: harnessing hydrodynamic cavitation and electrical discharge for water recycling	Emanuela Calcio Gaudino	Wednesday
410	P2.305	Gold(III)-glycoconjugates as antiviral agents against Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2): from rational design to biological evaluations	Federica Brescia	Tuesday
412	FP4.502	Electrically Conductive Bioinks for Biosensing applications	Róisín Byrne	Thursday
413	P1.705	Reshaping the cavity of the “redbox” molecular receptor	Natalia Fernández-Labandeira	Monday
414	P1.107	Small Nitrogen Bicycles: Constrained Molecular Geometry for Aza Bioisosteres, Encouraged Lewis Pairs and Pentavalent, Pentacoordinate Nitrogen	Gawain Boyce	Monday
417	P3.207	PHOTOELECTROCHEMICAL CO ₂ REDUCTION UTILIZING CONDUCTIVE POLYMER COATED SUBSTRATES	Bletë Hulaj	Wednesday
418	P1.108	Continuous Enantioselective α -Alkylation of Ketones via Direct Enamine Photoexcitation	Michael Weiser	Monday
419	P2.103	Synthesis, optical properties and unexpected photocycloaddition reaction of a functionalised bimeane dye	Metodej Dvoracek	Tuesday
421	FP4.606	Zwitterionic Benzoquinonemonoimine Derivatives: a Molecular Motion Study using DOSY and IM-MS methods	Aura TINTARU	Thursday
424	P4.206	FROM WASHING MACHINE TO REACTION FLASK: COLOUR CATCHER® SHEETS FOR REALIZING CATALYTICALLY ACTIVE AND BIO-COMPATIBLE PORPHYRIN-BASED MATERIALS	Caterina Damiano	Thursday
425	P4.706	Engineering permanently porous frameworks: From supramolecular frameworks and beyond towards MOFs	Géraldine Chanteux	Thursday
426	FP3.702	Developmental assembly of multi-component polymer systems through interconnected gene networks in vitro	Daniela Sorrentino	Wednesday
428	P1.305	N-glycans from serum IgG and total serum glycoproteins specific for endometriosis	Radka Saldova	Monday
430	P2.306	Fluoroquinolone antibiotics as tryptophan surrogates to produce Antimicrobial Peptides	John Connolly	Tuesday
431	P2.504	Comparison of various diacrylates and dimethacrylates: How effective is the crosslinking?	Wibke Langenkamp	Tuesday



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432	P3.503	Modification of amino-functionalized silica nanoparticles with phosphonate-containing (co)polymers in application for the flame retardancy	Dieu Cao	Wednesday
434	P2.705	Temperature and counterion influence on supramolecular self-assembly of small peptides. Studies by molecular dynamics.	Tetiana Dorosh	Tuesday
436	P2.203	Synthetic magnesium tetrapyrrole radicals for mechanistic studies of photosystem II	Joshua Thorogood	Tuesday
441	P2.104	Asymmetric syntheses starting from dimethoxysilanes using chiral lithium amides	Michael Nuss	Tuesday
444	FP3.602	High-precision neodymium isotope analysis in trace amount by mass spectrometry	Xuepeng Shao	Wednesday
445	FP2.601	Investigation of the characteristic of nitroaromatic compounds and Extraction and Preconcentration of nitroaromatic compounds using synthesised molecularly imprinted polymers (MIPs)	Raymond Tang	Tuesday
446	FP1.205	Mild and facile chemoselective oxidative N-debenzylation of aryl-halogenated amines using the Laccase/TEMPO system	Hong Ann Gan	Monday
447	P2.204	Non-planar porphyrins: A Novel Framework for Organocatalysis	Liam Cribbin	Tuesday
450	P3.307	One-electron reduction of tolcapone - electrochemical generation, IR and DFT study	Nikolay Lumov	Wednesday
452	P2.720	New Flavylum-based Optical Sensors to Assess Food Freshness in Real-Time	Victor de Freitas	Tuesday
453	P3.208	Organocatalytic Domino Reaction as Potent Tool for Chiral Diazabicycloalkane Synthesis	Fabian Scharinger	Wednesday
454	FP1.213	A mechanistic puzzle hiding in clear sight: Alcohol oxidation using hypervalent iodine and aminoxyl radicals.	Michael Bingham	Monday
457	P4.207	Development of novel ionic catalysts for the hydrolytic depolymerization of polyethylene terephthalate	Ian Martin	Thursday
458	P1.206	Development of novel ionic catalysts for glycolytic depolymerisation of polyethylene terephthalate.	Lorenzo Pedrini	Monday
460	P2.706	Biaxial Recognition of Allene-Dicarbonyl Compounds by Cyclic Iodonium(III) Species	Anna Schmidt	Tuesday
463	P1.706	Improved hydrophobicity of ZIF-90 Metal-Organic Frameworks for the removal of fluorinated pollutants from water	Michele Forza	Monday
467	P3.705	Assemblies and reactivity of pre-organized amino acyl phosphate esters towards selective peptide coupling	Arti Sharma	Wednesday
468	P3.105	Dimethyl ether as ligand in alkyl lithium chemistry	Mara Schöler	Wednesday
470	P3.106	Light-promoted activation of N-substituted maleimides towards [2+2] cycloaddition reaction with alkynes	Petros Gkizis	Wednesday
471	P4.707	N-acylhydrazones - fundamental building block for development of new materials by dynamic combinatorial chemistry	Nicoleta Sandu	Thursday
472	P4.404	SYNTHESIS OF NOVEL N-DONOR LINKERS FOR METAL-ORGANIC FRAMEWORKS WITH APPLICATION IN CO ₂ CAPTURE	Diandra Gheorghe	Thursday
474	P3.504	Impact of Crystallinity on Failure Characteristics of Sol Gel Coatings using Nanoscratch Technology	Aaron Byrne	Wednesday
477	P4.308	ENANTIOSELECTIVITY OF WATER-STABLE OPTICALLY PURE DOUBLE-STRANDED DINUCLEAR CU(I) METALLOHELICES: DNA INTERACTION AND CANCER CELL CYTOTOXICITY	Pedro Levín	Thursday
482	P1.604	Characterization of carbamazepine crystalline forms in pharmaceutical quality control using spectroscopic, thermal and microscopic methods	Nardjess Rim LAOUFI	Monday



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484	P1.207	Electrochemical studies of In(III) ions electroreduction in the aspect of kinetics and mechanism change, in the presence of	Marlena Martyna	Monday
486	P2.604	Adsorption of synthetic organic dyes using carbon adsorbents obtained from fennel seeds	Marlena Martyna	Tuesday
487	FP1.701	pH-responsive hydrogels based on bipyridinium pseudopeptides	Alejandro Vila	Monday
488	P4.309	Chemical synthesis of a chondroitin sulfate-D fluorescent probe for monitoring hyaluronidase-4 activity	Hannah Wootton	Thursday
491	P2.205	Vinyllogous hydrazone strategy for the organocatalytic alkylation of heteroaromatic derivatives	Justyna Kowalska	Tuesday
493	FP2.506	Iron and Ruthenium homometallic carbide carbonyl clusters: synthesis, characterization and reactivity	Francesca Forti	Tuesday
494	P3.308	Grape by-Products: Source of Natural Compounds Valorized in Fortified Foods	Cristiana Radulescu	Wednesday
496	FP1.206	A general route to retooling hydrolytic enzymes towards plastic degradation	Susana Meza Huaman	Monday
497	P1.306	Synthesis of sclareol-triazolo[1,5-a]pyrimidine hybrids, evaluation of their anticancer activity and mechanism of action	Pavle Stojković	Monday
498	P3.107	Exploration of synthetic strategies for the development of non-planar atropisomeric porphyrins	Sophie Maguire	Wednesday
501	P2.307	Grape bioactive extracts –based cosmetics	Cristiana Radulescu	Tuesday
502	P1.208	Overcoming the internal alkyne problem in [2+2+2] cycloadditions: from mechanism to medicine.	John Halford-McGuff	Monday
504	P3.309	Controlling the cellular uptake of PDT photosensitizers through molecular design	Sophie Maguire	Wednesday
505	FP1.207	Formation of enzyme-surfactant nanoconjugates for non-aqueous production of alkene biofuels from fatty acids	Jake Nicholson	Monday
508	P4.208	Photocatalytic synthesis of substituted chroman-2-ones and chroman-4-ones by using activated olefins	Ewelina Kowalska	Thursday
509	P1.504	Surface-modified anion-exchange membranes with high monovalent ion selectivity	Ji-Hyeon Lee	Monday
511	P4.106	The continuous flow synthesis of strained heterocyclic drug-like targets	Arlene Bonner	Thursday
512	P1.307	Antibiotic resistance: The role of antibiotic metabolites in the development of resistance in clinically relevant ESKAPE pathogens	Mairéad Gallagher	Monday
514	P3.706	Boronic Acid Sensors for Diols: Towards Infection Sensing Materials	Hannah Crory	Wednesday
515	FP4.503	Surface modifications of titanium alloys for biomedical applications.	Justynne Fabian	Thursday
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	Thursday
517	P1.109		Ella Donnelly	Monday
518	P4.405	A circular economy strategy through the valorisation of Prunus Seed Oils: a comparative study of fatty acid composition and oxidative stability	Esther Gómez-Mejía	Thursday
520	P1.209	Photocatalytic Studies of Re(I) Naphthalimide Complexes and Probing the Steps Leading to the Active Catalyst	Jack Biddulph	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
521	FP2.507	Synthesis and characterization of new Rh-phosphine carbonyl clusters	Giorgia Scorzoni	Tuesday
523	P2.308	Synthesis and Biochemical Activities of Amino Acid Prodrugs of the Radiosensitiser Pyrazinib	Alina Qaisar	Tuesday
524	P2.105	Development of New Methodologies for the Synthesis of Axially Chiral Salts	Darren Holmes	Tuesday
526	P2.206	Zeolite EMT entrapped ruthenium polypyridine materials for photocatalytic degradation of pollutants	Abhijit Wickramasinghe	Tuesday
528	P1.405	Polymerisable ligands: the route to phosphorescent Ir(III)-based metallapolymers	Eleonora Previati	Monday
531	P2.309	Effects of heated tobacco products use on the dermal emission of human skin gases	Masaki Kawaguchi	Tuesday
533	P2.707	Unraveling the assembly of rotaxane-like systems using machine learning	Lucio Peña Zarate	Tuesday
534	P3.209	Alternating current electrolysis: A powerful tool for the efficient and scalable electrosynthesis	Evgeniy Bortnikov	Wednesday
537	P3.310	Age-dependent changes in the amount of trans-2-nonenal emanating from human skin surface.	Takumi Yamamoto	Wednesday
538	P2.505	Specific ion-selective membranes surface-modified with nanostructured materials	Moon-Sung Kang	Tuesday
539	P4.310	Effect of Werner-type metal complex formation on the bioluminescence intensity of marine luminescent bacterium <i>Vibrio fischeri</i>	Hideaki SEKINE	Thursday
541	P3.707	The Use of MOFs as Alternative Electrochemical Materials in Li-ion Batteries	Owen Oseghale	Wednesday
543	P4.708	2D switching coordination networks and their potential applications	Shi-Qiang Wang	Thursday
545	P3.403	Sustainable Astaxanthin Production from Food Waste: a Comprehensive Fermentation Approach Using <i>Phaffia rhodozyma</i>	Nicola Cicero	Wednesday
547	P4.406	A methodological approach to assess metals release from wastes collected in eco-centers	Vanessa Canaletti	Thursday
549	P2.106	Synthesis of Triarylsulfonium Salts and their Applications in Organic Synthesis	Vanessa Becker	Tuesday
550	FP1.102	Stereoselective synthesis of α -galactosides	Kate Donaghy	Monday
552	P3.603	PREDICTIONS OF PHOTOPHYSICAL PROPERTIES OF PHOSPHORESCENT PLATINUM(II) COMPLEXES BASED ON ENSEMBLE MACHINE LEARNING APPROACH	Shuai Wang	Wednesday
553	P2.402	Activated di-carboxylic acids for solvent-free and eco-friendly polymerizations	Matteo Lorenzon	Tuesday
554	P1.110	Persistent carbocations as electrophilic traps for metal enolates and silyl enol ethers	Péter Kisszékelyi	Monday
555	P1.707	Redox-Driven Cage-To-Cage Supramolecular Transformation	Jennifer Bou Zeid	Monday
556	FP4.202	A Study on the Synthesis of Multiphase PdxSey Using Organometallic Precursors and Identification of Phase Dependent Electrocatalytic Properties	Hyeonju Kim	Thursday
557	P2.708	Tuning the spectroscopic properties of merocyanines through hybridization of foldamers	Emilien Husson	Tuesday
562	P3.311	Exploring the Potential of Tears as a Biofluid for Clinical Diagnosis	M. João Nunes	Wednesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
563	P1.708	Photochemical and Patternable Synthesis of 2D Covalent Organic Framework Thin Film Using Dynamic Liquid/Solid Interface	Taewoong Kim	Monday
568	FP2.401	Biorhamnolipid and biosurfactin based ionic liquids and salts as biosurfactants	Catarina Esteves	Tuesday
572	P3.123	Investigation of Flow Chemistry to Improve Synthesis of Iminosugars and C-Glycosides	Jack Bennett	Wednesday
573	FP1.203	Tellurium catecholates - exploring Lewis acidic and catalytic frontiers	Swavalina Baruah	Monday
576	P2.403	Advancing chemical recycling of polyethylene terephthalate (PET) using ionic liquids	Emma McCrea	Tuesday
581	P4.311	Post Translational Modifications of Human Interferon Gamma For Improved Therapeutics	Celine Erkey	Thursday
582	FP4.602	Unravelling catalytic mechanisms in confined environments with insights from covalent organic frameworks	Michelle Ernst	Thursday
583	P2.330	Design, Synthesis and Evaluation of Glycomimetics as Galectins Inhibitors	Ashis Dhara	Tuesday
584	P1.210	Chemoselective hydrogenation of cinnamaldehyde using low metal loading supported on MAX Phases	Mihaela Florea	Monday
586	P4.709	Hydrogensquarates and pyridinium-betaines of squaric acid with acceptor and donor substituents - synthesis, spectroscopic and computational study	Denitsa Yancheva	Thursday
587	P3.604	Boron Lewis Acids: A Study of Metal-Free Catalysts	Kerri McKeever	Wednesday
588	P1.308	Novel fluorescent probes for N-glycan labelling and therapeutic glycoprotein detection	Emily Harlin	Monday
591	P3.404	Electrochemical performance of FeCo Oxide and Ag/FeCo Oxide nanocomposites derived from Prussian Blue analogues for the electrocatalytic water splitting	sreedhanya pallilavalappil	Wednesday
593	P2.207	CO ₂ hydrogenation by MOF-derived catalysts	Maria Mihet	Tuesday
595	P3.109	C-C bond formation in a sterically demanding environment	Liam Cribbin	Wednesday
597	FP2.402	Recyclable Palladium Single-Atom Catalysts for the Room-Temperature, Light-Induced Ullmann Homocoupling of Aryl Halides	Areti Moutsiou	Tuesday
598	P3.405	Superhydrophobic coatings from candle soot through environmentally friendly synthesis methods	Amit Goswami	Wednesday
600	P2.310	Total Synthesis and Biophysical Profiling of Branched-chain Wax and Cholesteryl Esters For Deepened Molecular Level Understanding of the Tear Film Lipid Layer	Henrik Stubb	Tuesday
601	FP1.214	In situ study of isopropanol dehydration to propylene: an outstanding energetic approach.	Tristan Cabanis	Monday
603	FP3.103	Synthesis and characterization of liquid crystalline mesophases	Saima Ansari	Wednesday
604	FP4.203	New Generation of Stand-Alone Electrodes Bearing Single-Atom Catalysts for Organic Electrosynthesis	Milla Vigliengo	Thursday
607	P4.504	Liquid coordination complexes for the synthesis of semiconductor nanoparticles	Beth Murray	Thursday
609	P2.311	Naphthalimide Conjugates for Improved, Targeted Cancer Cell	Laura Ramírez Lázaro	Tuesday
611	P2.107	Catalytic Enantioselective Dearomatizing [2,3]-Rearrangements of Heterocyclic Ammonium Ylides	Ihssane El Fdali	Tuesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
614	FP3.301	Fluorescence imaging of MMP9 activity in COPD: a FRET-labelled targeting peptide combined with a nanoconstructed delivery system	Susana Costa	Wednesday
616	FP2.605	Development of a green spectrophotometric method for the determination of Cu ²⁺ in aqueous matrices	Prisco Prete	Tuesday
630	P4.407	Applications of sublimation in the synthesis and crystal growth of organosulfones	Lamis Alaa Eldin Refat	Thursday
632	FP2.501	Potential of spray-coating deposited Ti ₃ C ₂ T _x MXene as electrode on all-oxide capacitors	Iuliana M. Chirica	Tuesday
635	P1.505	Impact of nanostructuring on the magnetic and optical properties of two new layered-kagome orthovanadates BaM ₃ (VO ₄) ₂ (OH) ₂ (M= Co, Zn)	BACHCHAR HADRANE	Monday
639	P1.406	Highly basic ionic liquids for carbon dioxide capture	Michael Sweeney	Monday
640	P2.506	Chirality in colloidal Transition Metal Dichalcogenides prepared via bottom-up synthesis	Lorenzo Branzi	Tuesday
641	P1.506	Rapid electro-actuating microstructures fabricated via two-photon polymerisation	Jason Delente	Monday
643	P3.312	Phospholipid-peptide conjugates for targeting tumour-associated macrophages with amagnetic solid lipidnanoparticledelivery system	Susana Costa	Wednesday
646	P4.107	Radical α -Aminations of Ketones with Persistent Nitrogen-Centered Radicals: Access to Novel Calcium Channel Blockers	Patsapon Chuathong	Thursday
647	P3.708	Forming aligned supramolecular peptide-based materials using mechanical stimuli	Simona Bianco	Wednesday
648	P2.709	Introducing hydrophobicity into Metal-Organic Frameworks via linker functionalization	Emilian Stachura	Tuesday
649	P3.709	Multivariate porphyrinic MOFs as precursors of nanoalloy catalysts for efficient dehydrogenation of hydrogen molecular carriers	Magdalena Kozieł	Wednesday
650	P2.507	Self-Assembled upconverting nanocomposites for photodynamic therapy	Emil Milan	Tuesday
652	FP2.505	Sulfur-doped carbon nitrides serve as disordered, visible-light responsive materials with enhanced optical properties for photoelectrocatalysis	Pablo Jimenéz-Calvo	Tuesday
653	P3.505	New Adsorbent Based on Vinylimidazole containing Polymer Gel for Arsenic Speciation in Water Samples	Ivanka Dakova	Wednesday
655	P1.111	Shaking-up magnesium-mediated organic reactions using mechanochemistry	Jagadeesh Nallaparaju	Monday
657	P4.505	From the farm to the well plate: Ulvan polyelectrolyte complex for 3D printing of biomedical hydrogel	Jason Delente	Thursday
662	P3.210	Towards multi-pathway Tandem Reactions in Water	Janick Wesselmann	Wednesday
663	P4.710	Hydrothermal self-assembly synthesis of 3D reduced graphene oxide hydrogel	Oana Grad	Thursday
665	P1.309	From liquid to powder: synthesis, scaling-up and lyophilization of chitosan nanoparticles containing olive pomace polyphenols.	Ilaria Fierri	Monday
666	FP1.101	MODULAR SYNTHESIS OF BENZOYL PYRIDINES EXPLOITING A CATALYST- FREE REDUCTIVE ARYLATION STRATEGY	Antonella Alfano	Monday
667	P1.709	Enhancing PDAC therapy with CD44-targeted CNO-mediated delivery of GEM-derived prodrugs	Michał Bartkowski	Monday
671	FP2.305	Functionalization of HAp and HEMA with bioactive silver camphorimine complexes	Joana Costa	Tuesday



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673	P3.211	Spinel ferrite catalysts for polyolefin degradation – a combined experimental and computational approach	Doireann O Leary Brennan	Wednesday
675	P2.208	Metal Complexes with Polyfluorinated NHCs in Transfer Hydrogenation	Tereza Dušková	Tuesday
677	P1.710	Decorated DNA-based scaffolds as lateral flow biosensors	Simone Brannetti	Monday
680	FP4.401	Humidity response of cellulose nanofiber foams derived from upcycled cotton	Agnes Åhl	Thursday
682	FP1.208	Process Intensified Depolymerization of Natural Gums using Combined Treatment of Immobilized Enzymes and Ultrasound	Mayur Ladole	Monday
684	FP1.204	Sustainable Chemistry: Converting Atmospheric CO ₂ to Formate	Marcileia Zanatta	Monday
691	P1.605	Determination of Volatile Nitrosamines in Bacon: AQuEChERSsample preparation Approach followed by Gas Chromatography-Tandem Mass Spectrometry (GC-MS/MS)	Diako Khodaei	Monday
693	P4.408	Turning fruit wastes into green reductants for graphene oxide reduction and the electroanalytical application for sulfamethoxazole determination	Chiaying Chen	Thursday
698	P3.313	Chemoselective S-depalmitoylation of proteins mediated by cysteine-based amphiphiles	Brenda Portasany	Wednesday
699	P4.209	Probing the activity of two Zn porphyrin-functionalised polyethylenimine polymers towards photocatalytic hydrogen evolution from water	Patrick Loftus	Thursday
700	FP1.507	Determination of toxic arsenic species – non-chromatographic approach using ionic liquid-based polymer gels as a sorbent versus selective hydride generation atomic absorption spectrometry	Irina Karajova	Monday
702	FP2.304	Selective Activation of Anticancer Prodrugs: Insights from Bioreducible Palladium Catalysts	Marine Lefèvre	Tuesday
708	P1.310	BODIPY-anthracene dyads as versatile photosensitizers	Soumashree Sengupta	Monday
711	FP3.510	Metallosalen functionalization of Keggin-type polyoxometalates	Tuba Iftikhar	Wednesday
715	FP1.216	Porous clay minerals: appropriate catalysts for isopropanol dehydration to propylene ?	Tien Hoang NGUYEN	Monday
721	P2.312	New polymers as non-viral vectors for gene delivery in Mesenchymal Stem Cells	Alba Ramil-Bouzas	Tuesday
723	P4.210	Synthesis, characterization and reactivity of donor stabilized silatranylium salts	David Mroß	Thursday
724	P1.112	Make your reactions FAIR with the Open Reaction Database	Benjamin Deadman	Monday
725	P2.108	[4+1]-Cyclization of 3-Amino-4-methyl Pyridines – the Efficient Route to 6-Azaindoles.	Dmytro Volochnyuk	Tuesday
727	FP4.802	Blending Formal and Informal Chemistry Learning for Circular Economy and Sustainability Education	Priya Augusthian	Thursday
729	P3.605	Exploring the human skin volatilome for wearable biondiagnostic applications	Dominik Walkowiak	Wednesday
730	P3.212	Synthesis of Catalytically active, Water-Soluble, Randomly Methylated Cyclodextrin-NHC-Gold (I) Complexes and their Application in Water	Laura Sassenscheidt	Wednesday
731	P2.605	Using ToF-SIMS to Investigate Skin Lipid Composition Upon Exposure to Fragrance Allergens	Aoife Clancy	Tuesday
732	P3.314	Instability of RNA Mitigated by Reversible Ribose 2'-OH Acylation.	Mary Flood	Wednesday



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733	P1.407	Biobased oligomeric and polymeric Thickener Systems for Lubricating Grease Applications based on Amino Acids and their Derivatives	Lara Alexandra Frentrup	Monday
734	P1.311	Glucose testing and monitoring using electrochemical sensors: crosslinking performance of multi-arm epoxide functionalized crosslinkers	Reshma Kidayaveettil	Monday
737	P4.312	Total synthesis of fluorinated analogues of antifungal lipopeptide iturin A and evaluation of their bioactivity against Fusarium graminearum	Periklis Karamanis	Thursday
739	P3.110	Assessment of Molecular Orientation on Gold Substrates for the Application of Electric Field-Assisted Organic Synthesis	Elizabeth Imbarack	Wednesday
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	Thursday
755	P3.506	Investigating biomolecular corona nanoparticles assemblies as an early warning biomarker for glycan-based diagnostics	Valentina Magno	Wednesday
756	P3.710	Porphyrin-based Polymeric Sensors as Optical Probes for Pollutants Detection	Placido Mineo	Wednesday
757	P1.211	Investigation of London Dispersion Interactions in Imidodiphosphorimidate Catalysis	Michael Fuhrmann	Monday
760	P4.211	Tandem catalytic upgrading of orange peel waste-derived d-limonene and methyl levulinate by Pd/ZrO ₂ catalyst: comparison of batch vs continuous gas-flow conditions	Francesco Mauriello	Thursday
762	P1.312	Tuning of Hydrophobic-Hydrophilic Balance for the Development of a Salt-Tolerant and Protease-Resistant Lipopeptide AMP and its Hydrogelation Properties	Monikha Chetia	Monday
763	P4.212	Probing and tuning of surface M-H BDFE across solvent environments and metals	Lok Nga Poon	Thursday
764	FP1.601	Substituted phenylhydroxycarbenes in the carbonyl-ene reaction in solution	Nikolaos Vagkidis	Monday
776	P4.213	The excellent properties of Silk Fibroin in catalysis	Carola Ricciardelli	Thursday
778	P2.313	In vitro and theoretical evaluation of the radical-scavenging activity of benzothiazole hydrazones	Maria Argirova	Tuesday
782	FP2.205	Monitoring the Stability of commonly used photocatalysts by High-Throughput Experimentation	José Garrido-González	Tuesday
785	P3.111	Stereoselective glycosylations	Oana Popa	Wednesday
787	P1.212	Enhanced photocatalytic activity of fluorine-doped TiO ₂ nanoparticles on pistachio shell activated carbon	SANJIV PRASHAR	Monday
789	FP3.302	Intracellular behaviour of metallacarboranes through the lens of stimulated Raman spectroscopy	Neville Murphy	Wednesday
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	Monday
795	P1.213	Phenanthroline-based metal-organic frameworks for highly efficient catalytic transformations	Sahar Yoosefi	Monday
796	FP3.601	From macro- to micro-scale fabrication of electro-active soft actuators	Annael Sort-Montenegro	Wednesday
797	P2.508	Application of iGC for probing organic molecules to van der Waals materials	Eva Otyepková	Tuesday
798	P1.606	An Adaptive Biasing Force (ABF) variant for condensed-phase biomolecular systems that improves convergence while retaining conceptual simplicity	Kenno Vanommeslaeghe	Monday
799	P4.108	Catalytic asymmetric dearomative reaction of 2-nitrobenzo-heteroarenes	Aleksandra Topolska	Thursday



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801	P2.331	DESIGN AND SYNTHESIS OF SIALYL TRIAZOLES WITH THE2-NAPHTHYSULFONYL C-9 SUBSTITUENT AS SIGLEC-8 LIGANDS	Kishan Mandal	Tuesday
803	P2.314	Glucolines to Target Metal-Mediated Neurotoxicity and Amyloid Protein Aggregation in Neurodegenerative Disorders	Valentina Oliveri	Tuesday
805	FP4.504	Exploring superparamagnetic iron oxide nanoparticles, from rapid isolation of protein corona to advanced diagnostics	Anna Nakonechna	Thursday
809	P1.313	DOUBLE CLICK MACROCYCLIZATION WITH SONDHEIMER DIYNE FOR BIOORTHOGONAL FLUORESCENCE IMAGING	Sebastian Pim	Monday
811	P2.315	Helical polymers with biomedical applications	Ivan Torreiro-Leon	Tuesday
813	P1.214	New Cationic Nickel (II) Complexes Supported by Iminopyridine Ligands: Synthesis Characterization and X-ray Structure	Mona Alamri	Monday
817	P4.313	ExploringToxicantKetene Release from Vitamin E Acetate in Vaping	Sean Davey	Thursday
821	P2.606	Modelling Water-Framework Interactions in Porous Materials	Hooman Hasheminejad	Tuesday
825	P2.109	Automated synthesis of monosaccharide building blocks and applications in oligosaccharide synthesis.	Bodhayan Biswas	Tuesday
826	FP4.605	In situ second-harmonic generation imaging of supramolecular chiral fibres	Dong Chen	Thursday
828	P1.314	Functional characterization of mitochondrial 3-ketoacyl-CoA thiolase (kat-1) in C. elegansusing comparative metabolomics	Marie-Désirée Schlemper-Scheidt	Monday
830	P2.316	Pharmaceutical Ionic Systems: a sustainable approach for better therapeutics	Luis Branco	Tuesday
833	FP2.101	Continuous Flow Electrochemical Cyanation of Sparteine	Duarte Clemente	Tuesday
834	P3.213	Development of convergent biocatalytic transformations for the synthesis of complex alkaloids	Amber Barry	Wednesday
838	FP3.509	Smart, size-controlled polymeric nanoparticles: when process meets chemistry	Madeline Vauthier	Wednesday
840	P4.711	Point-of-care devices based on organic fluorescent probes for monitoring stress conditions.	Rossella Santonocito	Thursday
851	P4.409	Xenoestrogens, hormones and phenolic compounds contamination in Laguna Lake (Philippines) and inflowing rivers	Maria Pythias Espino	Thursday
852	FP1.403	Biochar from the Plantain Tree as Adsorbents for Rural Water Purification.	Ihesinachi Kalagbor	Monday
859	P4.506	Ageing process chemistry of bitumen modified with two-component composites .	Szymon Malinowski	Thursday
860	FP3.605	A COMPUTATIONAL STUDY OF A HIGH-SPIN Fe(I) COMPLEX FOR POSSIBLE DINITROGEN REDUCTION TO AMMONIA	Charlie Pollock	Wednesday
864	P3.214	Tailoring Peptides as Organocatalysts for the Desymmetrization of meso-Anhydrides with Machine Learning	Jan Metzler	Wednesday
866	P1.711	Point-of-care devices based on organic fluorescent probes for monitoring stress conditions	Rossella Santonocito	Monday
870	FP2.602	Determination of bromophenols in urine via aqueous acetylation, salt-assisted liquid-liquid extraction andgas chromatography - mass spectrometry	JAVIER PEÑA	Tuesday
874	FP3.303	Screening of multivalent ligands for carbohydrate-binding proteins by microarray	Shirley Ooi	Wednesday



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877	P4.314	Verbasco-side - evaluation of antioxidant and photoprotective properties in cosmetic products	Izabela Nowak	Thursday
878	FP1.603	Recent advances in scattering techniques in colloid science and cosmetic research	Izabela Nowak	Monday
880	P2.209	Nickel-Catalyzed Enantio- and Regioconvergent Alkylation and Etherification: From γ -Stereogenic Vinyl Germanes to Chiral C(sp ³)-O Allyl Aryl Ethers	Daniel Brösamlen	Tuesday
884	P3.215	Epoxides as sustainable Oxidising Agents for the Photoredox/Titanocene-catalysed Synthesis of Indoles from Indolines	Anika Joest	Wednesday
885	FP1.608	Accelerated First-Principles Exploration of Structure and Reactivity in Graphene Oxide	Zakariya El-Machachi	Monday
892	P3.507	Layered double alkoxides - synthesis and characterization of novel water-free materials	Michal Navrátil	Wednesday
894	P3.216	A Convenient Synthesis of Cobalt(II) Complexes and their Catalytic Applications	Lea Luxenberger	Wednesday
899	P4.214	New developments in the use of covalent organic frameworks as heterogeneous photocatalysts.	Rubén Mas-Ballesté	Thursday
902	P1.315	Quantum-chemical study on radical scavenging properties of 1H-benzimidazol-2-yl hydrazones with hydroxyphenyl and methoxyphenyl moieties with promising anthelmintic, antiproliferative and antioxidant activity	Miglena Georgieva	Monday
903	P1.607	Insights into promotional effect of cobalt in Ni-Co catalysts through DFT aided microkinetic modelling during oxidative dry reforming of methane	A S Russel	Monday
904	P4.215	Homogeneous Iridium Catalysis for Hydrogen Isotope Exchange Reactions with Deuterium and Tritium in Water and Aqueous Buffers	Carla Stork	Thursday
909	P1.712	Bowl-shaped Molecular Spoked Wheels of larger diameters	Philipp Krämer	Monday
916	P3.315	Ruthenium(II) complexes containing diphosphine-chelating ligands: synthesis, structure and biological activity	Isabella McNulty	Wednesday
917	P1.215	Progress toward the hydrosilylation of alkenes: activation of alkenes and hydrosilanes by zerovalent platinum complexes	Kelly Rogers	Monday
918	P4.507	Inverse vulcanization reactions to prepare electroactive and/or photoactive sulfur-rich materials	Sonia Bruña	Thursday
921	FP1.502	Magnetic properties of supramolecular assemblies of Fe(II) based on diamino-naphthalene imine ligands	Carmen Anayely Cruz Galvan	Monday
922	P4.216	Modulation of charge transfer properties in electroactive anodic biofilms developed from iron-rich sediment inoculum	James Behan	Thursday
925	FP3.507	Covalent Organic Frameworks-based hybrid materials for heterogeneous photocatalysis	Alicia Moya	Wednesday
926	FP2.702	Interaction of positively charged β -cyclodextrin derivatives with PFAS	Michal Rezanka	Tuesday
928	P3.316	Antibacterial polymers of polyethylene glycol and polyglycerol mimicking antimicrobial peptides	Conor Shine	Wednesday
931	P4.315	Antibacterial Coating Materials Based On Quaternary Ammonium Surfmers	Martha Trubel	Thursday
932	P2.210	Bifurcated Rhodoelectro-catalyzed C-H Activation for the Synthesis of Pyrroles and Lactones	Simon Homölle	Tuesday
934	FP1.506	Synthesis of molecular organo-f-element-polyphosphides with non-classical divalent lanthanide precursors.	David Frick	Monday
936	P4.316	Developing Novel Re(I) Tricarbonyl Complexes as Antimicrobial and Anticancer Agents to Combat Drug Resistance	Clara Evans	Thursday



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938	FP4.704	Molecule-Programmable 3D-Printed Electronics: Switches & Biosensors	Jose Muñoz	Thursday
942	P1.216	Macrocyclic pseudopeptidic systems as multifunctional catalyst for CO ₂ valorisation	Belén Altava	Monday
948	P2.211	Axially chiral heterogeneous organocatalysts for asymmetric synthesis of organic fluorides	Jiří Tůma	Tuesday
951	P1.316	Isotopic Functionalization of the SO ₂ F-motif Using Hydrated Tetramethylammonium [18F]Fluoride as Fluorine-18 Source	Joong-Hyun Chun	Monday
952	FP3.202	Cooperative effect in tandem α -alkylation/H-transfer reaction catalyzed by Ru(II)-Ir(III) NHC-bridged complexes	Genesis Ramos Guzmán	Wednesday
953	FP3.406	Sorbitan ester additives as lubricity enhancers for bio-hydrogenated diesel: A comprehensive study	Attaphon Maneedaeng	Wednesday
954	P4.109	A Novel Approach Towards the Synthesis of Chiral Cyclic Terpenes Exhibiting Anti-Malarial Properties	Marcel Freund	Thursday
959	P1.217	A Chiral Titanocene Complex as Sole Regiodivergent Photoredox Catalyst	Niklas Schmickler	Monday
960	P2.212	A Flexible Synthesis of Polypropionates via Diastereodivergent Reductive Ring-Opening of Trisubstituted Secondary Glycidols	Christian Köhler	Tuesday
962	FP1.218	Controlling proton-coupled electron-transfer processes for efficient photochemical water oxidation catalysis	Mirco Natali	Monday
964	P1.507	Effective and Simple Di-functionalisation of β -Cyclodextrin	Christopher Hobbs	Monday
965	P2.213	Cp ₂ TiI ₂ as active, sustainable alternative for photoredoxcatalysis in single electron steps	Niklas Schmidt	Tuesday
966	P3.406	Combining Chemo- and Bio-catalysis for the Synthesis of Cyclic Carbonates Directly from CO ₂ Obtained from Fermentation	Diego Jaraba Cabrera	Wednesday
968	P2.607	Nitrogen-Doped Graphene Nanoribbons as Spin-Selective Conductors	Lawrence Conrad	Tuesday
971	FP3.304	Poly(amino acid) NPs ABCs; Applications, Benefits, and Characteristics	Thomas Leigh	Wednesday
973	P3.317	Novel squarotide based glycoconjugates (SBG's) to selectively target cancer cells	Jordan Loughlin	Wednesday
977	P3.217	Synthesis of light-harvesting 2,2'-bipyridine ligands for photocatalytic applications	Kevin Stefanoni	Wednesday
978	P2.110	Enantio- and Diastereomerically pure Titanocenes by Dynamic Conformational Locking	Fabian Lang	Tuesday
982	P3.218	Chiral anion acceptors in titanocene catalyzed enantioselective reactions	Sergei Gerber	Wednesday
984	P4.217	Converging Stereodivergent Reactions	Harie Goli	Thursday
985	P3.711	Nanoscale π -conjugated donor-acceptor Ladder Polymers	Alina Hilgers	Wednesday
986	P2.710	Intercalation of dicarboxylic acids into porous supramolecular nanopatterns on graphite (HOPG)	Philipp Tirpitz	Tuesday
989	P4.317	Non-lamellar Lipid Nanoparticles as Innovative Vectors for RNA Delivery	Laura Conti	Thursday
990	FP1.219	Noble metal-free porous CuO-CexZr _{1-x} O ₂ catalysts for catalytic combustion of volatile organic compounds with excellent activity and selectivity	Wouter Van Hoey	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
991	P4.712	Nanoscale π -conjugated ladder oligomers and polymers	Jonas Streeck	Thursday
992	FP4.302	Synthesis and bioactivity of isoflavones from Ficus carica and some non-natural analogues	Vaderament-Alexe Nchiozem-Ngnitedem	Thursday
993	P4.110	Reductive functionalization of fluoroalkyl amides in solution and solid-state	Paweł Czerwiński	Thursday
997	P2.509	Influence of the Structure of Triphenylamine and Carbazole AIE Luminogens on Optical Properties	Jakub Štrojsa	Tuesday
998	P3.606	Monitoring of Urban Distribution Networks for Water Intended for Human Consumption following a Prolonged Thallium Contamination	Giorgia Mattei	Wednesday
1002	P3.508	Towards Deep-Blue Emissive Polyimides with Tripodal Push-Pull Comonomers	Jiří Tydlitát	Wednesday
1003	FP3.505	Volatile Organic Selenides and Tellurides for ALD Technique	Daniel Pokorný	Wednesday
1004	P4.713	Switchable conductivity in nanostructured viologen-siloxane materials by post-synthetic modifications.	Bart van den Berselaar	Thursday
1005	P4.714	Supramolecular DNA and Metal-Complex Assembly towards DNA templated Photocatalysis	Sven Fauth	Thursday
1006	P2.317	Exploring the role of food additives on polyphenol-oral constituents interactions	Rodolfo Pinto Simões	Tuesday
1007	FP3.501	Phase selective colloidal synthesis of alkali metal-based chalcogenide Na-Cu-S nanocrystals	Hannah McKeever	Wednesday
1013	P1.408	Ultrafast Mineralization of Organic Pollutants through a Wireless Pulsed Nanophotocatalytic Cell	Albert Serrà	Monday
1014	FP3.401	Biomimetic Sunflower Pollen Hybrid: a Novel Heterostructured Photocatalyst Boosting Visible-Light-Driven Antibiotic Degradation	Albert Serrà	Wednesday
1016	FP2.102	Development of unsymmetrical anthracene platforms as singlet oxygen batteries	Paul De Bonfils	Tuesday
1020	P4.508	Designing N-heterocyclic carbene ligands specifically for gold surfaces and nanoparticles	David Jenkins	Thursday
1023	FP4.509	Metal-containing ionic liquids for immobilization on 2D materials	Petra Ecorchard	Thursday
1025	P1.713	Towards the Design and Synthesis of a new class of biomimetic receptors: Squarptides	Farhad Mohammed	Monday
1026	P1.714	Tripod-Shaped Molecules – Towards Surface Functionalization	Sarah Jurytko	Monday
1027	P3.712	Design, synthesis, and photophysical study of novel [Ir(ppy) ₂ (bpy)]BF ₄ metallaligands for functionalized [Pd ₆ L ₁₂]BF ₄ cages	Tabea Heil	Wednesday
1029	P1.317	Divergent Synthesis of Some Indolo[3,2-c]quinolines and Neocryptolepines	Katja Håheim	Monday
1031	P3.607	A QUANTUM MAGNIFYING GLASS FOR CHEMISTRY AT THE NANOSCALE	Miguel Steiner	Wednesday
1032	P1.715	Effect of Reaction Conditions and Experimental Setup on the Covalent Organic Framework Synthesis and Properties	Marcela Horáková	Monday
1033	P3.219	Heterogeneous Metastable Photoacids: Tools for Reversible pH Control of Reaction Media	Marie Kloubcová	Wednesday
1034	P4.715	Zeolitic Imidazolate Framework-8 (ZIF-8) for antimicrobial prevention	Valentina Di Matteo	Thursday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1036	P1.113	Towards optically pure spiropyran – structural study and photokinetic evaluation of diastereomeric spiropyran photoswitches	Michal Šmahel	Monday
1039	P2.111	Towards a General Synthetic Approach to Regular and Irregular Jatrophone Diterpenoids: Taking Ring-Closing Metathesis to its Limits (and beyond)	Dominik Birkmann	Tuesday
1042	P2.112	Ni-(0)-Catalyzed diastereoselective monotransposition of double-bonds	Eduardo Carvalho Junior	Tuesday
1043	P2.404	Ru-Macho assisted catalytic transformation of air CO ₂ to methanol: Effect of amine structure	Hyunjoo Lee	Tuesday
1044	P1.114	IMPACTIVE: European mechanochemists develop greener pharmaceuticals	Fernando Gomollon-Bel	Monday
1045	P4.604	Engineered coordinated molecularly-imprinted polymers for ratiometric electrochemical determination of D-pencillamine	Bandar Alyami	Thursday
1047	P1.218	Transition-metal-catalyzed (de)hydrogenation Chemistry	Nidhi Garg	Monday
1048	P1.508	Structural modification of viologen: tuning the electrochemical properties of this popular organic anolyte material.	Milan Klikar	Monday
1050	P2.711	Supramolecular Nanopatterns of molecular spoked wheels without flexible side groups	David Hofmeister	Tuesday
1055	P4.218	Development of thiourea-quinolone atropisomers for applications in asymmetric catalysis	Chaimae JBILOU	Thursday
1058	P4.219	Development of Perylene-cored organophotocatalyst for asymmetric redox reactions	Mariia Babkova	Thursday
1059	P2.712	The key role of supramolecular chemistry and its actors in building a European publication program.	Marianne Noel	Tuesday
1063	P2.214	Catalytic synthesis of biomass-derived diphenolic acid derivative	Federica Orabona	Tuesday
1064	P2.215	Camphor-Based NHC-Rhodium Complexes in Asymmetric Ring Opening Reactions.	Daniel Kamzol	Tuesday
1065	FP4.801	DigiChem: Creating an International Digital Study Environment for Sustainable Chemistry	Richard Göttlich	Thursday
1066	P3.112	Towards the Total Synthesis of Gukulenin A	Patrick Roßbach	Wednesday
1069	P3.220	An Zirconium Fluoride as a Support for an high-entropy Fluoride active in Oxygen Evolution Reaction	Christian Heinekamp	Wednesday
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	Tuesday
1073	P4.605	Ab initio fragment models for accurate excimer potential energy surfaces	Péter Szalay	Thursday
1076	P3.713	A surface plasmon resonance investigation: interlinking IDE modulation activity and proteasome interaction in neurodegenerative diseases.	Alessia Distefano	Wednesday
1078	P3.714	Amidoxime and Ketone Functionalized Polymers of Intrinsic Microporosity	Mona Almaghrabi	Wednesday
1079	FP2.703	Covalent organic oxa-cages as versatile building blocks for porous materials and supramolecular chemistry	Khamidulla Tukhtaev	Tuesday
1083	P2.510	Plasmonic nanoparticles to probe the mechanical properties of synthetic lipid bilayers	Ilaria De Santis	Tuesday
1084	P1.608	Copper-Catalyzed Chemoselective Carboxylation of Vinylaryl Halides with CO ₂ in the Absence of Metallic Reductants	Sai Manoj Gorantla	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1085	P3.329	Synthesis, properties, and applications of Tetraphenylethene derivatives	Eimear Rafter	Wednesday
1088	P2.113	Ex-Chiral-Pool Total Synthesis of Nordaucane, Daucane and Isodaucane Sesquiterpenoids	Adrian Podlesny	Tuesday
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	Thursday
1097	P2.114	Synthesis of 3,3-disubstituted oxindoles and their conjugation with cyclodextrines	Bettina Rávai	Tuesday
1100	P4.111	Ru(II)-Pheox- catalyzed C-H arylation with diaryl iodonium salts	Erick Pinheiro	Thursday
1104	P4.716	Assembly of MCOFs based on Ru(dqp)2 metalloligands for light-driven CO ₂ reduction.	Aibhe Boran	Thursday
1107	P3.407	Electrochemical performance of Li salts derived from sustainable processing of brine and mineral concentrates	Juliana Sousa	Wednesday
1111	P1.219	Efficient Hydrogen Peroxide Generation with Concurrent Formylation of Amines Mediated by Organic Photocatalysts	Chi Leung	Monday
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	Wednesday
1123	P2.405	Enzymatic hydrolysis of protein-rich biomass waste for the production of biostimulants	Letizia Scarabattoli	Tuesday
1124	P3.221	Design, Synthesis and catalytic Application of water-soluble dppf-Ligands	Mark Bieber	Wednesday
1125	P2.511	Cyclodextrin polymers as sorbents for the removal of perfluorinated compounds from water	Pavĺina Konopáčová	Tuesday
1127	FP1.303	THE EFFECT OF THREONINE ON THE COMPLEX FORMATION AND HYDROLYTIC STABILITY OF THE HUMAN TUB α 1A PROTEIN FRAGMENTS	Balázs Sándor	Monday
1129	P3.113	Synthesis of imidazoles and analogues by anodic desulfurization	Davide Cesca	Wednesday
1130	P1.220	BIOCATALYTIC SYNTHESIS OF CIS-(+)-12-OXOPHYTODIENOIC ACID AND DERIVATIZATION USING METATHESIS	Maike Bittmann	Monday
1131	P1.115	NEW ADDUCTS OF NITROGEN CONTAINING LEWIS BASES WITH HIGHLY ACIDIC BORATRIPTYCENES	Julia Volk	Monday
1137	P3.318	New coumarin hybrids with antiproliferative activity against a neuroblastoma cell line	Carola Grondona	Wednesday
1138	P2.115	Efficient Protocols for a Diversity Oriented Synthesis of Novel Xanthones Reveal Potent Simplified Lysolipin Analogs	Jonas W. Meringdal	Tuesday
1140	P4.717	Synthesis and assembly of stimuli-responsive amphiphiles for targeted diagnostics and drug delivery.	Ilektra Mavromatidou	Thursday
1141	P4.220	Coupling Titanium and Chromium Catalysis in a Reaction Network for the Reprogramming of [BH ₄]- as Electron Transfer and Hydrogen Atom Transfer Reagent for Radical Chemistry	Gregor Weiss	Thursday
1143	P1.409	Greener Synthesis of Pharmaceutically Important Pyrrole Moiety	Paula Kiuru	Monday
1144	P2.216	Development of a biocatalyst-driven cascade for sphingolipid synthesis	Sam Mathew	Tuesday
1146	P4.318	Revisiting missense mutations in alpha-mannosidosis: a new way of looking at lysosomal storage disorders	Pedro A Sánchez-Murcia	Thursday
1148	P3.715	Radical Polymerization of Organically Functionalized Polyoxometalate Monomers	Asier Palacios-Lozano	Wednesday



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1151	P3.509	Unconventional singlet fission chromophores to boost the performance of OPV devices	Carmela Bonaccorso	Wednesday
1159	P4.509	Synthesis, Structural Characterization, and Magnetic Properties of Lanthanide Arsoyl Sandwich Complexes	Nicolas Günther-Schmidt	Thursday
1161	FP4.301	Design, synthesis and anticancer activity of 7-substituted and 5,7-disubstituted purine-based derivatives targeting HDAC6 and Hsp90	Andrea Citarella	Thursday
1163	P1.716	Concentration dependency and solvent-induced polymorphism of Supramolecular nanopatterns of caltrop-shaped molecular platforms on graphite	Jakob Gabriel	Monday
1167	P4.112	Photoinitiated chemical transformations using diazo compounds	Vincent George	Thursday
1170	P3.114	Flow synthesis of heteroaromatic capsaicin derivatives	Máté Orosz	Wednesday
1171	P2.406	Synergistic effect of doped ZnO and Ni-based composites on the photocatalytic PMS-assisted mineralization of solubilized pharmaceuticals	Roger Bujaldón	Tuesday
1175	FP4.701	Population of Tn excited states on supramolecular gold(I) complexes	João Lima	Thursday
1179	P1.410	Development of efficient TiO ₂ photocatalysts for hydrogen production and wastewater treatment	Laura Valencia	Monday
1180	FP2.701	Enrichment of histone tail methylated lysine residues via cavitand-decorated magnetic nanoparticles for ultra-sensitive proteomics	Rosita Nicoletta Gentile	Tuesday
1181	P4.221	Synthesis and Characterization of CuO/Cu ₂ O Nanorod Array (Photo)Electrodes for CO ₂ Reduction	Tahereh Mokary Yazdely	Thursday
1182	FP2.403	PHOTOELECTROCHEMICAL C-H ACTIVATION WITH DYES ENABLING PROTON-COUPLED ELECTRON TRANSFER	Elena Rossin	Tuesday
1186	FP3.403	Trace Elements Monitoring in Mediterranean Sea Water	Giorgia Mattei	Wednesday
1192	P2.318	Bioconjugates with natural alkaloids for anti-cancer therapy	Giovanni Ricciardella	Tuesday
1195	P1.116	Cu(II) catalyzed direct amination of naphthalene diimides	Sarah Wentzke	Monday
1200	P2.116	Photoredox catalysed difluoromethylation-triggered transformations of styrene derivatives	Shen Zhang	Tuesday
1201	FP2.607	Monitoring of Polycyclic Aromatic Hydrocarbons (PAHs) in Urban Water Run-off using a Portable Microfluidic Fluorescent System	Caoilte O'Rourke O'Cuirrin	Tuesday
1203	P1.221	Formation of Anti-Markovnikov Alcohols via Epoxide Hydrogenation through Cooperative Catalysis	Michael Heinz	Monday
1208	P2.608	Molecular dynamics analysis of the membrane-disrupting effect of the antifungal peptide NFAP2	Olivér Pavela	Tuesday
1210	FP4.604	Novel multiplexed antibody affinity quantification method reveals higher spike protein affinity in severe COVID-19 disease and decreased IgA and IgG affinity over time	Michelle Kilcoyne	Thursday
1211	P2.217	APPLICATION OF MII[N ₂ S ₂] COMPLEXES IN RING OPENING COPOLYMERIZATION	Hilmir Guðjónsson	Tuesday
1213	P1.717	Towards the Synthesis of Cold Atmospheric Plasma (CAP) Responsive Theranostics	Stephen Healy	Monday
1214	FP3.502	MetalMorph: Control of interconnect metal morphology	Karl Rönnby	Wednesday
1217	FP2.209	Strategies in Photoredox Catalysis for the Synthesis of Unnatural Amino Acids	Gregory Alvey	Tuesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1218	P4.222	Molybdenum sulfur compound catalysts for retrosynthesis of common plastics	Dmitrii Razinkov	Thursday
1223	P3.115	A photochemical approach to the synthesis of high-value 2,3-dihydro-4-pyridones	Magdalena Dolna	Wednesday
1226	FP1.301	Affinity-Driven Categorization of Antimicrobial and Cell-Penetrating Peptides in Vesicle Interactions	Imola Cs. Szgyártó	Monday
1228	FP3.204	Highly Robust and Efficient Blechert-Type Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Olefin Metathesis	Antonio Del Vecchio	Wednesday
1229	P2.414	Treatment of contaminated brine from codfish industry by electro-Fenton and membrane separation processes	Luana Sarinho	Tuesday
1230	P4.113	One pot tandem Wittig hydrogenation reactions to form C(sp ³)-C(sp ³) bonds in water	Marie Clara Michel	Thursday
1231	P1.222	Chalcogen Bonding Catalysis – New Perspective in Enantioselective Organocatalysis	Tomáš Hodík	Monday
1233	P4.114	Development of Advanced Peptide Nucleic Acids for RNA-Targeting	Birgit Meindl	Thursday
1234	P1.318	A new biocompatible and biodegradable hybrid material for oxygen generation against hypoxia-reperfusion injury	Carmela Pierro	Monday
1236	P1.117	One pot tandem Wittig hydrogenation reactions to form C(sp ³)-C(sp ³) bonds in water	Marie Clara Michel	Monday
1237	P2.713	Chiral induction from a Tröger's base coordination cage onto fullerene guests	Björn Schmidt	Tuesday
1238	P2.117	Synthesis of 2-deoxy sugars from carbohydrate-based lactones via regioselective photochemical deoxybenzylation	Justyna Najczuk	Tuesday
1239	P3.222	Development of new iron-based pre-catalysts: Synthesis, Characterization and trend in selective catalytic oxidation of unprotected carbohydrates	Antoine Lancien	Wednesday
1240	P4.115	FERRABENZENES FROM DIIRON CARBONYL PRECURSORS	Sara Benetti	Thursday
1247	P3.510	MelaGel - investigating surface characteristics to unravel the cycling stability of melanin-polypyrrole hydrogel composite electrodes	Noah Al-Shamery	Wednesday
1249	FP4.703	TESTING THE ON SURFACE BEHAVIOUR OF MONO- AND BI-COLOR SENSORS FOR Ba ²⁺ TAGGING EXPERIMENTS: A PROOF OF CONCEPT	Juan Molina Canteras	Thursday
1254	P4.718	The effect of the heteroatom on optical and magnetism properties of lanthanide-containing monosubstituted hybrid polyoxometalates.	Janire Bustamante Fernández	Thursday
1256	P1.118	Synthesis of pyridines, pyrimidines and triazoles: closing the gap between clicking and synthesizing	Anna Geleverya	Monday
1257	FP2.604	Exploring chirality transfer in lead- and tin- chiral perovskites	Mariagrazia Fortino	Tuesday
1258	FP3.703	On-surface synthesis of large-area 2D boroxine polymers	TBC	Wednesday
1261	P3.223	A General Additive for Cross-Coupling Reactions with Nickel and Visible Light	Jonas Düker	Wednesday
1264	P3.319	Multiparametric Optimization of Indole-2-carboxamides as Antichagasic Agents	Ramon Guerra de Oliveira	Wednesday
1265	FP3.603	Insight into the elementary steps of SO ₂ oxidation in the gas phase. A joint mass spectrometric and theoretical approach	Anna Troiani	Wednesday
1267	P3.320	Influence of fruit variety on the quality of Romanian plum vinegars	Cristina Todasca	Wednesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1268	FP2.207	Titanium-based MOF@AgNPs for environmental applications	Lorenzo Viacava	Tuesday
1272	P4.510	Swellable organic-inorganic silicas for the removal of dyes from water media	Lorenzo Maccarino	Thursday
1276	P4.410	Rutin Extraction from Banana Peels: Unlocking Value through Hydrated Organic Acids	Ana M. Ferreira	Thursday
1280	P4.319	Composite materials based on wild bilberry leaves extract encapsulated in mesoporous silica modified with ZnO nanoparticles for topical applications	Cristian Matei	Thursday
1282	P3.321	New lipophilic biphenyl ruthenium(II) complexes - structure and biological properties	Adriana Kaszuba	Wednesday
1283	P1.509	New benzimidazole ligands and their application in OLEDs	Dominika Jankowska	Monday
1284	FP4.601	Multi-residue Liquid Chromatography-Mass Spectrometric Method for the Analysis of 30 Perfluoroalkyl Compounds in Sea Water	Alessandro Familiari	Thursday
1285	P1.223	Anion-Binding Strategies for Asymmetric Catalysis: en route to biologically relevant molecules	Rosario Fernández	Monday
1286	FP1.501	Investigation of Novel Fe(III) SCO Complexes and Hybrid Materials	Francesca Adami	Monday
1287	P1.224	Nitrogen species electroreduction into ammonia in the SuN2rise project	Federico Bella	Monday
1291	P1.319	Revolutionizing antibacterial warfare: silica-based nanomaterials armed with organotin(IV) complexes	SANJIV PRASHAR	Monday
1293	P3.608	Modeling fragmentation of non-covalent molecular clusters in soft-ionisation mass spectrometry of deep eutectic solvents	Swaroop Kunapuli	Wednesday
1296	P1.320	Mesoporous silica functionalized with phenylboronic acid groups as carriers for targeted drug delivery	Daniela Berger	Monday
1297	P4.223	Functionalization of 1,3-diynes via diboration/protodiboration sequence to access boron-substituted enynes	Aleksandra Szymańska	Thursday
1298	P4.606	Effect of animal diet on the taste persistency of dairy products by High-Resolution Mass Spectrometry	Giuliana Bianco	Thursday
1305	P2.714	Interface Engineering of PEDOT-N3 with Ordered Cyclodextrin Hosts for Sensing Applications	Katharina Pfennigbauer	Tuesday
1306	P3.716	Chiral silver indium sulfide quantum dots and qd@BN nanocomposites for chiral luminescent sensing applications	Lucy Fitzsimmons	Wednesday
1310	FP4.402	Valorization of insect biomass to produce bioplastics.	Ana Ribeiro	Thursday
1314	P2.218	Mechanochemistry for more sustainable processes.	Ana Ribeiro	Tuesday
1315	FP2.704	Engineering of giant unilamellar vesicles via development of light-switchable amphiphiles	Simone Cataldini	Tuesday
1319	FP1.220	Rh and Pd nanoparticles supported on sheep wool: a green and versatile method for in-flow continuous reductions	Nicola d'Alessandro	Monday
1320	FP1.606	Exploring Aromaticity and UV-Vis Absorption Correlations in Phthalocyanines and Subphthalocyanines	Sílvia Escayola	Monday
1329	P3.801	Enhancing chemistry education through technology-enhanced learning: Impact on student outcomes	Stephanie Schweiker	Wednesday
1334	FP3.503	Ionic Systems as Greener Lubricant Alternatives for Metallic Surfaces	Mariana Donato	Wednesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1335	FP4.507	Ionic liquid crystals as sustainable materials for electronic purposes	Andreia Santos	Thursday
1338	P3.322	Nanoparticle Systems based on Streptomycin Salts for transdermal delivery	Francisco Faisca	Wednesday
1340	P2.512	Lanthanide-doped layered double hydroxide nanostructures as luminescent 'turn-off' environmental chemosensors	Áine Coogan	Tuesday
1341	FP2.302	Functional Role of Bitter Taste Receptors Activated by Chemotherapeutic Drugs	Sofie Zehentner	Tuesday
1449	FP4.702	Copper indium sulfide quantum dots enabling quantitative visible light photoisomerisation of (E)-azobenzene chromophores	Caterina Bellatreccia	Thursday
1468	FP2.502	CONSTRUCTION OF ANODES AND CATHODES BASED ON HETEROATOM- DOPED CARBON NANOSTRUCTURES FOR SODIUM-ION BATTERIES.	Emilio Navarrete	Tuesday
1505	FP4.506	Open POSS cages functionalized with alcohols – synthesis and potential use as biomaterials	Marta Madej-Gajewska	Thursday
1638	FP1.209	Streamlining Enzyme Purification and Immobilization using Porous Polymer Monoliths in 3D Printed Platforms	Joseph Ruddy	Monday
1351	P1.225	Acetylide-Functionalized Hybrid Metal Complexes as Electrocatalysts for CO2 Reduction	Rayya Al-Balushi	Monday
1359	P2.230	Design Strategies of Optimal Catalysts for Water Splitting	Habib ULLAH	Tuesday
1366	P3.609	THE HER PERFORMANCE OF 2D MATERIALS IS UNDERESTIMATED WITHOUT MORPHOLOGY CORRECTION	Mario Hofmann	Wednesday
1367	P3.224	EDGE-DOMINATED HYDROGEN EVOLUTION REACTIONS IN ULTRA-NARROW MOS2 NANORIBBON ARRAYS	Ya-Ping Hsieh	Wednesday
1369	P3.116	Shaking things up: a solid-state approach to the Corey-Fuchs reaction	Barbara Kaczmarek	Wednesday
1372	P4.511	Enhancing Crystal Morphology through Cocrystallization: Insights from Phenytoin and Indomethacin Studies	Nazanin Fereidouni	Thursday
1373	P4.116	DBU-Mediated dimerization of 3-chloroindolin-2-ones and 9-chloro-9H-fluorene for the synthesis of isoindigos and 9,9'-bifluorenylidenes	Jatuporn Meesin	Thursday
1374	P2.715	Multichromophoric open-cage silsesquioxanes as anion sensors	Magdalena Grzelak	Tuesday
1379	P3.511	Unravelling impact of open-cage silsesquioxane modifiers on material properties in epoxy resin composites	Magdalena Grzelak	Wednesday
1400	P4.607	Protein Adsorption on Smart Switchable Germanium Interfaces	Ankita Das	Thursday
1410	P2.118	A New Method for the Synthesis of Heteroacyl Derivatives from Trichloromethyl Heterocycles	Isis Diaz Ramirez	Tuesday
1413	P3.717	SIMULATIONS ON THE REGIO-FUNCIONALIZATION OF SPHERICAL MOLECULES WITH SUPRAMOLECULAR MASKS	Clara Sabrià	Wednesday
1414	P4.719	Regioselective bis-functionalization of C60 and C70 fullerenes by Diels-Alder reaction via supramolecular mask-strategy	Tània Pèlachs i Monell	Thursday
1417	P3.718	Assemblies and reactivity of preorganized amino acyl phosphates towards selective peptide coupling	Arti Sharma	Wednesday
1419	P1.718	Bifunctional hybrid coordination networks exhibit dual acetylene selectivity	Bhawna Kumari	Monday
1422	P2.219	Nickel catalyzed C–S cross coupling of sterically hindered substrates enabled by flexible bidentate phosphines	Ivo Lindenmaier	Tuesday



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1424	P2.716	Investigating Metal-Organic Frameworks with Specific Arrangements of Multiple Metal Elements	Felipe Gándara	Tuesday
1425	P1.411	Carbon-negative materials from a lignocellulosic biorefinery	Olga Clavilier	Monday
1426	P1.609	New analytical methodologies for determining endocrine disruptors derived from plastic in bee products	Beatriz Martín-Gómez	Monday
1427	P2.609	Promoting circular economy: pressurized fluid extraction of bioactive compounds from peanut shell for waste valorization	Beatriz Martín-Gómez	Tuesday
1432	P3.117	Concise enantioselective synthesis of lucidumone	Aurélien de la Torre	Wednesday
1433	P4.320	Targeting cancer: new podophyllotoxin-derived hybrid compounds with a dual mechanism of action	Carolina Miranda-Vera	Thursday
1435	P4.117	Amide Transformation: Pathways to Acylated Products through C-N Bond Activation	Sunwoo Lee	Thursday
1437	P4.608	A DFT-based genetic algorithm to unravel the stability of Aluminium/Titanium-based alloys	Pedram Vousoughi	Thursday
1440	P3.610	QUANTIFICATION OF CARBONYL GROUPS USING LOW-FIELD 19F NMR ANALYSIS OF BIO-OILS PRODUCED FROM BREWERS' SPENT GRAINS	Bridget Tang	Wednesday
1441	P1.610	Determination of pharmaceutical product stability through forced degradation studies and binary mixtures.	Lena Pislevska	Monday
1442	P4.321	Dual-Active Mechanically Interlocked Glyco-conjugate Systems	Sophie Kavanagh	Thursday
1443	P1.719	Exploring Amidine Formation and Coordination to Zinc(II): Reactions of Piperidine and Piperazine Analogues with Acetonitrile	Nina Podjed	Monday
1446	P1.321	Synthesis of Bivalent Natural Products-Based Inhibitors of SARS-CoV-2 Spike Protein	Luca Pozzi	Monday
1448	P2.610	LC-MS quantitative method validation and performance: a project from IUPAC Analytical Chemistry Division	Fabiana Piscitelli	Tuesday
1450	P1.611	Access to α -chiral olefins via a Ni-catalyzed enantioconvergent cross-coupling – mechanistic study	Baptiste Leforestier	Monday
1451	P2.319	Guanidinium-Stapled Helical Peptides for Targeting Protein-Protein Interactions	Morgane Pasco	Tuesday
1452	P4.720	Towards the Design and Synthesis of Multi-Stranded β -Sheet Foldamers	Christel Dolain	Thursday
1454	P1.119	Toward helicene-based π -electron macrocycles containing phenylene butadiynylene linkers	Marcin Matecki	Monday
1456	P4.224	Deracemization of Cyclopropanes by Al-Salen Photocatalysis	Carina Onneken	Thursday
1457	P1.510	Semisynthetic Ferritin-based Nanoparticles with High Magnetic Anisotropy for Spatial Magnetic Manipulation and Inductive Heating	Andreas Neusch	Monday
1458	P2.415	Highly Absorbent Nanoporous Crystalline Polymer Films: Structures and Properties	Paola Rizzo	Tuesday
1464	P4.225	IN Silico Informed metaGenomic Harvesting Technology-(INSIGHT) - How a smart platform can accelerate the timelines of genes-to-GMP	Jane Mueller	Thursday
1465	P2.408	Petroleum-based Taurine Group Containing Surfactants	Young-Wun Kim	Tuesday
1466	P3.225	Construction of functionalized aza-spiro α -tetralones and benzoisindoles via Rh-catalyzed C-H activation/C=C bond cleavage	Yong Rok Lee	Wednesday



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1469	P3.118	A short, versatile synthetic pathway for C2', C4'-Bridged Nucleoside Analogs	Suping Baikabi	Wednesday
1470	P4.331	Computational molecular modelling of the mechanism of action of ecstasy (MDMA) on the human serotonin transporter (hSERT)	Ángel Islas	Thursday
1472	P2.409	Nanoporous carbon from hemp waste via hydrothermal carbonization assisted base activation an adsorbent for Tetracycline Adsorption	Apiluck Eiad-ua	Tuesday
1473	P3.719	In situ polymerized Silver nanoparticles/poly (2,5-dimethoxyaniline) composite enhanced electron transfer of Aptamer label-free detection of Microcystin-LR in river water.	Mawethu Pascoe Bilibana	Wednesday
1475	P2.611	Mechanistic Insights on the Catalytic Hydrogenation of Furfural Derivatives Over Pd and Ru Surfaces	Max Quayle	Tuesday
1477	P2.231	Role of Defects in Graphene-Passivated Ti3C2 MXene for Energy Conversion and Storage Applications	Muhammad Ali	Tuesday
1479	P4.411	Remediation Strategies for Soil Contaminated by Heavy Metals in Sustainable Chemistry: Chelator-Based Extraction and Chemical Immobilization	Shengbin Ni	Thursday
1480	P1.120	Efficient approach to [5]helicenes by tandem arylation of binaphthyl by Suzuki coupling and C–H activation	Martin Putala	Monday
1481	P4.609	Chemometrics and machine learning techniques for the discrimination of Mexican honey using 1H-NMR spectroscopy	Eduardo Rodríguez de San Miguel	Thursday
1483	P4.118	eHydrogenation: Hydrogen-free Electrochemical Hydrogenation	Jamie Walsh	Thursday
1485	P2.119	Catalyst-free visible light-driven hydroacylation by direct Photoexcitation of 4-acyl Hantzsch esters	Florian Ehrschwendtner	Tuesday
1486	P4.119	Enantioselective flow synthesis of a selective estrogen receptor modulator via chiral phosphoric acid catalyzed asymmetric transfer hydrogenation and diboronic acid mediated selective nitro reduction	Sándor Ötvös	Thursday
1487	P4.610	Kinetic Study of Transition Mutations from G-C to A-T Base Pairs in Watson-Crick DNA Base Pairs: Double Proton Transfers	Kei Odai	Thursday
1490	P1.226	Highly Efficient Bimetallic Cu-Ni Phyllosilicate Catalysts for Selective Hydrogenation of Furfural to Furfuryl Alcohol	Patcharaporn Weerachawanask	Monday
1491	P3.720	POROUS AND MELTABLE METAL–ORGANIC POLYHEDRA FOR THE GENERATION AND SHAPING OF POROUS MIXED-MATRIX COMPOSITES	Cornelia von Baeckmann	Wednesday
1493	P2.220	Photoactivated Mo(VI)-Schiff base complexes for biomimetic oxygen atom transfer (OAT) reactions	Lukas Geciauskas	Tuesday
1496	P2.320	Synthesis and physico-chemical properties of fac-tricarbonylrhenium(III) complexes with substituted bipyridine ligands	Uroš Rapuš	Tuesday
1498	P1.612	Neural Network Potentials for pKa Prediction	Ross Urquhart	Monday
1500	P2.513	Synthesis and thermal characteristic of stereocontrolled discrete oligourethanes	Weronika Forysiak	Tuesday
1502	P3.408	Design and Analysis of an Electrochemical cell, "Hydro-aqua cell".	RAKHYMZHAN KOSSANOV	Wednesday
1504	P4.412	MXene nanomaterial coated ceramic nanofiltration membranes for semiconductor wastewater treatment	Chanhyuk Park	Thursday
1506	P1.413	Assessing Marine Phytoplankton's Cadmium Uptake Capabilities with Single Cell ICP-MS	Yinghan Zai	Monday
1508	P4.120	Glycosyl Benzoates as Novel Substrates for Glycosynthases	David Lim	Thursday
1512	P3.226	Chameleonic Iridium-Catalyzed Cycloisomerizations of Allene-Tethered Pyrroles and Indoles	Andy Arribas	Wednesday

Original Reference	Congress programme code	Title	Presenting	Presentation day
1513	P3.323	Membrane tension sensitive conjugated oligoelectrolytes for long-term monitoring of endolysosomal dynamics	Jiyu Zhu	Wednesday
1514	P4.322	Mitochondria targeted-conjugated oligoelectrolytes for live cell imaging and diagnostics	Samuel Chan	Thursday
1515	P3.611	Synthesis and Photophysical Properties of Monometallic C ⁺ C* Platinum(II) Formamidinate Complexes	Felix Wurl	Wednesday
1519	P4.226	HYDROGEN PRODUCTION FROM FORMIC ACID MEDIATED BY PYRIDINE-PYRAZOLYL RU(II) COMPLEXES: CATALYTIC PERFORMANCE AND MECHANISTIC INSIGHTS	Cassiem Joseph	Thursday
1520	P1.322	Studies of the nucleophilic substitution reactions, DNA/BSA interaction, and cytotoxic activity of iminopyridine-Pt(II) complexes	Tshephiso Papo	Monday
1523	P2.612	Upgrading the Density Functional Theory with Machine Learning for the Fast Reactivity Prediction of Biomass Derived Polyaromatics at Bimetallic Catalysts	Jérémie Zaffran	Tuesday
1525	P4.227	Development of non-precious metals (Ni, Cu, Co) supported on carbon-based catalysts for selective hydrogenation of CO ₂ to syngas	Thapong Teerawatananond	Thursday
1526	P3.616	3D Transition Metal Complexes Generation And Its Applications	Hongni Jin	Wednesday
1527	P3.512	Fatigue behavior of flexible field-effect transistors based on polydiketopyrrolo-pyrrole-dithienylthieno[3,2-b]thiophene	Wojciech Pisula	Wednesday
1528	P1.227	Influence of Ir loading in Ni foam on the electrocatalytic performance of alkaline water splitting	Isilda Amorim	Monday
1532	P1.613	Where is Electroanalytical Chemistry Heading 65 Years after Nobel Prize for Polarography	Jiri Barek	Monday
1534	P3.409	Valorizing forest biomass: obtaining essential oil and phenolic compounds from Cistus ladanifer L. cleaning residue	Bianca Albuquerque	Wednesday
1535	P4.413	Exploring Populus nigra L. biomass: a potential source of bioactive compounds	Bianca Albuquerque	Thursday
1536	P2.221	Novel Pt-Complexes with Bidentate P,N-donor Ligands as Highly Active Catalysts in the Synthesis of Organometalloidal Compounds	Hanna Stachowiak-Dłużyńska	Tuesday
1542	P4.414	New sustainable magnetic nanosorbent is ready to capture your water pollutants.	Irene Morales-Benítez	Thursday
1545	P1.720	Light-Controlled Anion Binding Supramolecular Systems	Leon Hoppmann	Monday
1547	P3.227	Sequential one-pot N-alkylation and aminocarbonylation of primary amines catalyzed by heterobimetallic Ir/Pd complexes	Amin Abdolrahimi	Wednesday
1548	P4.415	Ruthenium nanoparticles encapsulated in SiO ₂ @C for photo-thermal ammonia decomposition	Alejandra Rendon-Patino	Thursday
1549	P3.617	Exploring the effect of silane-based monolayers on nucleation behavior of APIs using non-linear optical techniques	Selam Verbert	Wednesday
1550	P2.613	Practical aspects of ¹³ C qNMR	Adolfo Botana	Tuesday
1552	P4.228	High valent first-row transition metal halides complexes for oxidative halogenation of saturated hydrocarbons	Michele Coi	Thursday
1553	P1.228	Visible-Light-Mediated Selective Allylic C–H Oxygenation of Cycloalkenes	Tabea Rohlf	Monday
1556	P4.323	MolMeDB - Molecules on Membranes Database	Kateřina Storchmannová	Thursday
1557	P1.323	Understanding GLUT Proteins Pathogenicity: Integration of AlphaMissense, SIFT, and PolyPhen-2 Predictions	Nina Kadářová	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1558	P2.321	Analysis and Visualization of Protein Channels, Tunnels and Pores with MOLEonline & ChannelsDB 2.0	Anna Špačková	Tuesday
1561	P3.119	Double-reduction of Cyclic Sulfonamides: A Novel Approach Towards the Synthesis of (+)-Aphanorphine	Robert Redmond	Wednesday
1562	P2.515	Pressure-Induced Spin Crossover Metallomesogens	Yolanda Sabater-Algarra	Tuesday
1563	P4.324	Electropolymerization of pyrrole-based metal-N-heterocyclic carbenes for antibacterial applications	Quentin Gaudillat	Thursday
1564	P4.611	Interoperable molecule membrane interaction data in MolMeDB RDF	Dominik Martinát	Thursday
1566	P2.222	Investigation of Fe/Ni Bimetallic Nanoparticles Supported on MgO for Electrochemical Hydrogen Production	David Domingo	Tuesday
1569	P2.223	Photo-induced synthesis of arylsulfones through dual catalytic photoredox reactions by Cu nanocluster-bound carbon nitride	Dahye Seo	Tuesday
1570	P1.614	Cristallinity assesment of active pharmaceutical ingredients using differential scanning calorimetry: application to Carbamazepine	Nardjess Rim LAOUFI	Monday
1571	P1.511	Enhanced treatment of dissolved contaminants in semiconductor wastewater using ceramic nanofiltration membranes incorporating bonon nitride materials	Soyoun Kim	Monday
1572	P3.120	Highly active cobalt nanoparticles encapsulated in N-doped carbon matrix by ZIF-67 pyrolysis in olefins hydroformylation	Leandro Almeida	Wednesday
1573	P2.717	Control of in-vivo pertechnetate biodistribution with supramolecular cobalt cages	Emer Foyle	Tuesday
1574	P2.120	para-Selective dearomatisation of phenols via I(I)/I(III) catalysis-based fluorination	Timo Stünkel	Tuesday
1576	P1.721	Unprecedented Coordination Modes for Heteroleptic Tetrahedral Complexes Bearing Pnictogen Atoms Towards CuI and AgII	Mehdi Elsayed Moussa	Monday
1577	P4.612	A computational approach to the study of carbon dots for the determination of their structure and properties	Francesca D'Ambrosio	Thursday
1579	P3.228	Nitrates Reduction using NiO Nanoparticles as Electrocatalyst	Lorenzo Sibella	Wednesday
1580	P2.416	Enzymatic Enhancement of CO ₂ Capture on Colloidal Aminated Porous Liquids	Maja-Stina Svanberg Frisinger	Tuesday
1581	P3.324	Combinatorial therapy using selenium- and ruthenium-based compounds to overcome cancer multidrug resistance	Catarina Henriques	Wednesday
1582	P4.618	Resolving ambiguities in NMR assignments of small molecules	Claire Dickson	Thursday
1583	P1.615	Computational studies on the mechanism of the addition of EtMgBr to N-(tert-butylsulfinyl)benzalimine	David Guijarro	Monday
1584	P4.325	Synthesis and sustainable extraction of natural and nature inspired phlorotannins as potential antifungal agents	Francesca Annunziata	Thursday
1585	P4.121	Preparation of the HDAC inhibitor vorinostat via chemo-enzymatic synthesis	Salvatore Princiotta	Thursday
1586	P4.613	Machine learning force fields design for solid state batteries	Alessandro Azzali	Thursday
1587	P2.614	Is the nucleophilicity of water and alcohols altered by vibrational strong coupling ?	Cyprien Muller	Tuesday
1588	P1.324	Potential of walnut (Juglans regia L.) oil by-products as functional food ingredients: Antioxidant and prebiotic properties postthe simulated gastrointestinal tract digestion	Joana Amaral	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1589	P3.721	A dynamic dual-enzyme approach to the synthesis of unnatural cyclodextrins	Andreas Nilsson	Wednesday
1590	P2.322	Bioactivities of xylooligosaccharides obtained from olive pits.	Joana Amaral	Tuesday
1591	P4.721	Origin and Organisation of Biomolecules	Nicholas Green	Thursday
1592	P4.122	Synthesis and application of fluoroalkyl azides	Mykyta Ziabko	Thursday
1593	P4.326	Synthesis and In vitro Evaluation of Small Molecule Cyclophilin D Inhibitors	Katarina Jurkova	Thursday
1594	P1.325	Nanomolar Benzothiazole-Based Inhibitors of Mitochondrial Enzyme 17 β -HSD10 with Cellular Bioactivity	Marketa Sedlacek Miskerikova	Monday
1595	P1.121	Reactivity of (hetero)aryl amides in the Chan-Evans-Lam reaction using arylalkenyl boron reagents	Joana Ferreira	Monday
1597	P4.722	Templated enzymatic synthesis of selectively modified cyclodextrins	Juliane Sørensen	Thursday
1598	P2.323	Targeting wild-type and R280k mutant p53 with tryptophanol-derived oxazoloisindolinones for cancer therapy	Maria Santos	Tuesday
1599	P2.615	Spicy: a new implementation of multi-scale and fragment methods	Sebastian Seidenath	Tuesday
1600	P4.723	Semi planar triarylboranes: New atropisomers with a controllable rotation at C–B chiral axis	Maxence Bonnevial	Thursday
1601	P4.619	Towards accurate and efficient crystal structure prediction with the FFLUX force field	Matthew Brown	Thursday
1602	P1.722	Rotaxanes - Breakable templates for cyclodextrin synthesis, capture and release.	Kasper Hansen	Monday
1603	P2.224	Preparation and physical property of solid acid catalyst based on cedar	YUI IGAKI	Tuesday
1604	P2.225	Preparation and reducing capacity of solid reductant based on plant-derived biomass	RYUKI IKEDA	Tuesday
1605	P3.513	New Pd(II) β -ketoesterates complexes as potential FEBID precursors	Aleksandra Butrymowicz-Kubiak	Wednesday
1606	P2.721	A Multi-Technique Approach Reveals the Role of Pre-Nucleation Clusters and Amorphous Precursors in the Nucleation of ZIF-8	Stijn Van Cleuvenbergen	Tuesday
1607	P2.122	Desulfurative fluorination of alkyl phenyl sulfides via bromonium catalysis	Brian Durkan	Tuesday
1608	P1.122	Electroreductive hydrotrifluoromethylation of unactivated olefins	Eva Maria Alvarez	Monday
1609	P2.514	DNA-grafted metal-organic frameworks: the key parameters for robust synthesis of stable nano-formulations.	Anargyros Drolapas	Tuesday
1610	P4.614	Describing the Electronic Structure of Group-4 Metallocenes with 19F-NMR Chemical Shifts	Jose Guerrero-Cruz	Thursday
1612	P4.123	Hantzsch Esters as Formylation Agents under Photochemical Conditions	Dorottya Mikoczi	Thursday
1613	P3.325	New indolo[3,2-c]isoquinolines to target c-MYC G4 – DHX36 helicase interaction	Alexandra Paulo	Wednesday
1615	P1.326	Synthesis of natural and nature-inspired siderophores as antifungal agents targeting ferroptosis for rice blast management.	Cecilia Pinna	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1616	P3.121	Synthesis of benzenes from pyridines via N to C switch	Aífe Conboy	Wednesday
1617	P4.615	Development of the CE-C4D method for analysis of short-chain fatty acids using 3D printed autosampler	Marcelina Rusin	Thursday
1618	P2.410	Valorization of Apple Pomace: Production of Phloretin using a Bacterial Cellulose-Immobilized β -Glycosidase	Luca Nespoli	Tuesday
1619	P4.620	BINDING OF BIOMEDICALLY RELEVANT AGENTS TO HEMOGLOBIN	Radu Silaghi-Dumitrescu	Thursday
1620	P2.616	Heavy Atom Effect on the Intersystem Crossing of a Boron Difluoride Formazanate Complex-Based Photosensitizer: Experimental and Theoretical Studies	Tunyawat Khrootkaew	Tuesday
1621	P4.232	A new approach to 3D-printed Ni based catalysts for the conversion of α -cellulose to lactic acid	Maria Marin	Thursday
1622	P4.327	Thermal release of active drugs with superparamagnetic iron oxide nanoparticles by inductive heating	Anastasia Stohwasser	Thursday
1623	P4.124	Enhancing the potential of green multicomponent reactions (MCRs): unprecedented unions (MCR2) and advanced characterization	Roderick Abdilla	Thursday
1624	P1.327	Case Study: Development of GB0139 for idiopathic pulmonary fibrosis	Andrew Tyrrell	Monday
1625	P4.229	The influence of sieving metal@carbon N-doped powder materials on electrocatalytic hydrogenation performances	Filippo Pota	Thursday
1626	P2.324	Synthetic studies on halogenated derivatives of the antibacterial Cystobactmids	Ruben Pollakowski	Tuesday
1627	P4.233	Investigation of Fe, Cu Impregnated Seaweed Biochar-Based Catalysts for Sustainable Catalysis	Paulius Buidovas	Thursday
1629	P1.229	Protometabolic transformations promoted by electricity under a single electrochemical condition	Shunjiro Sodei	Monday
1630	P2.417	Integrated lignin-first reductive catalytic fractionation and hydrodeoxygenation to obtain hydrocarbon fuel-blends from biomass	Vallabh Prabhudesai	Tuesday
1632	P2.617	Lithium content monitoring in biological samples: Evaluating analytical methods and introducing a flow-based spectrophotometric approach	Karolina Mermer	Tuesday
1633	P3.612	Micro-Solid Phase Extraction with in-lab packed columns for cost-efficient drug extraction from urine samples	Alicja Chromiec	Wednesday
1634	P1.123	Uncovering the Super Basic and Nucleophilic Reactivities of Co(II) Amide Co(TMP) ₂	Na Jin	Monday
1635	P2.718	Rhombic tetraazapillararenes: novel hosts with guest complementarity to pillar[5]arene	Sem Bleus	Tuesday
1636	P1.723	Lanthanide Based Metal-Organic Frameworks for In-situ Water Monitoring	Fatemeh Hashemi	Monday
1637	P2.618	Towards the regeneration of microdamages on surface of delicate fabrics during laundry: the research of a novel sustainable biotechnology	Viktor Filatov	Tuesday
1639	P3.722	Novel polymeric nanomaterials for anion recognition	Oriane Oder	Wednesday
1640	P4.621	A multitask model to predict the stability of double stranded DNA	Ivan Yankov	Thursday
1641	P3.613	Towards visible restoration of cotton fabrics: the research of a novel combination based on sucrose and malic acid for cross-linking fibers	Viktor Filatov	Wednesday
1642	P3.514	Transesterification-Based Post-Polymerization Modification of Poly(methyl acrylate) and Assessment of pH Responsiveness	Duhyeong Hwang	Wednesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1643	P3.326	Stereoselective total synthesis of dechlorotrichotoxin A	Hyunji Lee	Wednesday
1644	P3.229	Expanding ligands for iridium-catalysed NMR hyperpolarisation: pyrrolides and aldoximes	Philip Norcott	Wednesday
1645	P3.410	Biomass valorization towards the development of epoxy resins with high biobased content	Konstantinos Triantafyllidis	Wednesday
1646	P1.724	Coiled coil-based peptide nanostructures	Valentina Gauci	Monday
1648	P4.513	Development of Gold-on-Silica Nanocomposite as Effective Cancer Radiosensitising Agents	Zengchun Xie	Thursday
1649	P2.325	Resolution of Enantiopure Transition Metal Polypyridyl Complexes viaHPLC As a Gateway to DNA Targeting Probes	Simon Smith	Tuesday
1650	P2.722	Synthesis and characterisation of new surfactant inspired by DNA structure	Geoffrey Ascione	Tuesday
1651	P4.616	Fate of double helix and quadruple helix DNA in vacuo. Ion mobility mass spectrometry, IR and Circular Dichroism ion spectroscopy	Frederic Rosu	Thursday
1652	P3.411	One Step Further: A Flexible Metal-Organic Framework That Functions as a Dual-Purpose Water Vapour Sorbent	Samuel Shabangu	Wednesday
1653	P2.719	Aggregation Induced Emission-based Fluorescent Probes for effective detection of G-quadruplex DNA	Andrea Lázaro-Gómez	Tuesday
1654	P4.328	Mannosylated antigenic elastin-like recombinant polymers en route to new antituberculosis nanovaccines	Davide Rubes	Thursday
1655	P3.412	Low Band Gap 2D Carbon Nitrides based Nanocomposites for Photocatalytic Water Splitting	Muhammad Tahir	Wednesday
1657	P2.226	Selective Electrochemical Reduction of Nitrate to Hydroxylamine	Yangshan Xie	Tuesday
1658	P3.723	Colorimetric Visualization with Reconfigurable Chiral Plasmonic Metamolecules	Jacky Loo	Wednesday
1660	P4.617	Evaluation of Different Fillers' Impact on Exterior Paints Weathering	Ozlem SIMSEK	Thursday
1661	P1.725	COVALENT ORGANICCOXA-CAGES AS VERSATILE BUILDING BLOCKS FOR POROUS MATERIALS AND SUPRAMOLECULAR CHEMISTRY	Khamidulla Tukhtaev	Monday
1662	P2.326	A novel pharmacological approach for the prevention of skin xerosis and xerostomia: the phytochemical with a targeted activity on AQP3 and AQP5 in epidermal cells	Viktor Filatov	Tuesday
1663	P3.413	Application of Some Fruit Extractors and Organic Scintillators as Dyes for Solar Cells	Hee-Jung Im	Wednesday
1664	P3.414	Study on catalytic pyrolysis of PVC-containing plastic waste	Hee-Jung Im	Wednesday
1665	P1.512	Hybrid materials of metal halide nano-sized clusters orderly confined in single crystal metal-organic reticular materials	Oleh Hordiichuk	Monday
1666	P3.415	Selective Catalytic Hydrocracking of Post-Consumer Polystyrene Waste into Cycloalkanes and Ethylbenzene Using Platinum-modified Zeolite Beta Catalysts	Edidiong Asuquo	Wednesday
1667	P1.616	Development of a Portable and User-Friendly Detection System for Microplastic Identification in Urban Water Runoff	Marianna Zolyomiova	Monday
1669	P3.230	Operando FlowNMR spectroscopic study of lithium-mediated nitrogen electroreduction to ammonia	Duong Truong	Wednesday
1678	P1.328	Unlocking the potential of protein-derived peptides to target G-quadruplexes: From recognition to anticancer activity	Jussara Amato	Monday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1679	P2.327	Tetrazines for bioorthogonal reactions with enhanced properties: rational design via computational chemistry	Michal Majek	Tuesday
1686	P3.327	Inhibition of A. Baumannii ATP phosphoribosyltransferase for the treatment of pneumonia infections	Emilia Oueis	Wednesday
1687	P4.332	Design, synthesis, and bioactivity of nature-derived peptides	Emilia Oueis	Thursday
1689	P4.329	Heavy-Atom-Free Aza-BODIPY Polymeric Nanoparticles for Superior Imaging-Guided Photodynamic Therapy	Prapassara Muangsopa	Thursday
1690	P1.230	Investigating the dark arts of photoredox catalysis	Samuel Horsewill	Monday
1693	P1.513	Ultrasound-assisted synthesis and characterization of hydroxyapatite/ β -cyclodextrin composite as a green tanning additive	Elena Badea	Monday
1694	P3.802	THE TOUGH LIFE OF GILT LEATHER. CHARACTERIZATION AND DIAGNOSIS OF CORAMIA WALL COVERINGS CONSERVED IN PALAZZO CHIGI, ITALY	Elena Badea	Wednesday
1695	P1.726	Effect of polymorphism on the sorption properties of a flexible square-lattice topology coordination network	Aizhamal Subanbekova	Monday
1696	P1.727	Double Diamondoid Coordination Networks: Phase Transformations Induced by C8 Aromatics	Kyriaki Koupepidou	Monday
1697	P2.227	Copper β -Diketiminato Complexes Anchored via CH- π interactions for Heterogeneous Ammonia Oxidation	Josep Gutiérrez-Ortiz	Tuesday
1698	P2.411	Development of the Ultrasensitive Sensor ZnMn ₂ O ₄ Spinel mixed with CeO ₂ combined with WS ₂ sheets for Detect Sulfamerazine in Water Environments	YIRAN LUO	Tuesday
1699	P3.231	Molecular Hybrid Materials for Selective CO ₂ Electroreduction to Multicarbon Products	Zhimei Luo	Wednesday
1700	P3.122	Unleashing the potential of therapeutics: The promise of monodisperse PEGs	Yomkippur Perez	Wednesday
1701	P4.330	Development of chondroitin sulfate furnished polymer scaffolds	Sian Berry	Thursday
1703	P3.124	Ball Milling facilitates Alkene Difunctionalization through Radical Ligand Transfer and Electron Catalysis	Vasiliki Valsamidou	Wednesday
1704	P4.230	Solar-Powered Hydrogen Evolution through Ammonia Splitting using Ruthenium-based Electroanodes	Alisa Denisiuk	Thursday
1705	P4.416	From E-waste to catalysts: upcycling Samarium and Cobalt from magnets for organic transformations	Saverio Minervini	Thursday
1706	P4.234	Chromium Catalyzed Sustainable C-C and C-N Bond Formation: C-Alkylation and Friedländer Quinoline Synthesis Using Alcohols	Vaishnavi Atreya	Thursday
1709	P2.619	Advanced FTIR spectroscopic techniques for analyzing microplastics in biological samples: Preliminary results and method comparison in stool samples	Tamara Mutić	Tuesday
1710	P4.417	CO ₂ Conversion to Liquid Products in a Novel Photoelectrochemical Cell Coupled with a Gas Diffusion Photocathode and a Microbial Anode	Jing Wu	Thursday
1711	P3.328	Singlet-oxygen producing BODIPY structures for topical treatment of wound infections; an in-vitro light activated antibacterial study.	Kaja Turzanska	Wednesday
1712	P2.228	Supramolecular-bonded molecular oligomeric Ru catalyst for water oxidation on polymeric carbon nitride enhances activity and improves photoelectrochemical cell stability at neutral pH	Martina Salati	Tuesday
1713	P1.514	Preparation of electrochemically active ink for biosensors printing	Martin Otyepka	Monday
1715	P2.723	Metal-Organic Frameworks for Electrochemical and Photoelectrochemical Energy Conversion	Gearoid Manning	Tuesday



Original Reference	Congress programme code	Title	Presenting	Presentation day
1716	P2.328	Observing bioorthogonal macrocyclization in live cell nuclear membranes using on/on fluorescence lifetime microscopy	Sebastian Pim	Tuesday
1717	P3.232	An active-site sulfonate group improves the solubility and electrochemical performance of ruthenium bda- and pda- type water oxidation catalysts under neutral aqueous conditions	Jake Kerkhof	Wednesday
1719	P2.329	Pasteurization of major whey protein β -lactoglobulin increases its affinity to polyethylene terephthalate nanoplastics under simulated intestinal conditions	Mirjana Radomirović	Tuesday
1721	P4.231	Anchoring water oxidation catalysts on oxide surfaces through the self-assembled bilayer approach.	Paula Tris-Marzo	Thursday
1722	P3.614	Development and validation of a fast methodology based on liquid chromatography for the analysis of priority polycyclic aromatic hydrocarbons	Marcela Segundo	Wednesday
1723	P2.516	Spectroscopic study and DNA binding of luminescent carbon dots	Clara Zehe	Tuesday
1726	P2.412	Insects role in circular economy	Luísa Martins	Tuesday