Chemietage 2024 - List of Posters					
Poster Nr.	**Title**	**First**	**Last**	**Affiliation**	**Title of Poster Presentation**
PO-034	Mr.	AHMED SALAH	**AHMED ELSAYED**	Cairo University	COMPREHENSIVE ANALYSIS OF THE EFFECT OF RENEWABLE ENERGY ON THE STABILITY OF THE ENVIRONMENT
PO-002	Mr.	Mehmet	**Aksoy**	Montanuniversitaet Leoben/Chair of Physical Chemistry	Development of sustainable air electrode materials for solid oxide cells
PO-042	Mr.	Matteo	**Aleotti**	aInstitute of Chemistry, University of Graz, Heinrichstrasse 28, 8010 Graz, Austria	The biocatalytic hydronitration reaction: scope and challenges
PO-058	Ms.	Verena	**Aschauer**	Wood K plus - Kompetenzzentrum Holz GmbH	Depolymerization of different technical lignins via heterogenous catalysis
PO-076	Mr.	Maximilian	**Augustin**	Johannes Kepler Universität Linz	Synthesis of AB-alternating polyacrylamides for energy applications
PO-108		Lena	**Bauernhofer**	Biophysics, Institute of Molecular Biosciences (IMB), University of Graz	
PO-003	Dr.	Ali	**Bidan**	University of Basrah	Oleic and Palmitic Acids with Bioderivatives Essential Oils Synthesized of Spherical Gold Nanoparticles and Its Anti-Human Breast Carcinoma
PO-026	Mr.	Mark	**Bieber**	Graz University of Technology	Water soluble 1,1′-bis(dichlorophosphino)ferrocene derivatives: design synthesis and catalytic application
PO-103	Ms.	Johanna	**Breinsperger**	Technische Universität Wien	Asymmetric Claisen-Cope rearrangements
PO-028		Barbara	**Buxbaum**	Chair of Physical Chemistry	Varied phase ratio effects on composite air electrodes for solid oxide cells
PO-057	Mr.	Pietro	**Caramia**	University of Bari Aldo Moro	Synthesis of 10-hydroxystearic acid from Waste Cooking Oils by an engineered Yarrowia lipolytica
PO-106	Dr.	Ramesh Kumar	**Chowdari**	Institute of Chemistry, University of Graz	
PO-032	Prof.	Heiner	**Detert**	Johannes Gutenberg-Universität Mainz	Mesomorphous Tris(aryloxadiazolyl)triazines: Star-shaped Fluorophores with high Electron Affinity
PO-038	Mr.	Tobias	**Doliner**	Universität Graz	Synthesis of Deep purple: a μ-oxo bridged Rhenium complex.
PO-039	Mr.	Adrian	**Dorniak**	Johannes Kepler University Linz	Mechanochemical synthesis of 5,10,15-tris(isopropylsilylethynyl)corrole and its use in electrocatalysis
PO-072	Mr.	Alexander	**Eder**	TU Wien	Valorization of bioderived aldehydes by flow aldol condensation and hydrogenation over hydrotalcite-based catalysts
PO-098	Mr.	Johannes	**Eder**	Symeres Groningen B.V. / IMBT, TU Graz	Mechanistic insights into aryl malonate decarboxylase (AMDase) biocatalysis and functionalization of its products by olefin cross-metathesis
PO-083	Dr.	Michael	**Egermeier**	Wood K plus	Circular PHA production from renewable platform chemicals and industrial PHB recyclates
PO-074	Ms.	Loretta	**Eggenreich**	Institute of Molecular Biosciences/University of Graz	New Electroneutral Polymers Forming Lipid-Bilayer Nanodiscs for the Study of Membrane Proteins
PO-004	Ms.	Pia-Maria	**Egger**	Polymer Competence Center Leoben	Synthesis and characterization of covalent adaptive networks based on thiol-thioester exchange reactions
PO-020	Ms.	Lisa	**Eiber**	Institute of Analytical Chemistry and Food Chemistry/Graz University of Technology	Evaluation of (Sub)Microsecond TADF Emitters as Molecular Thermometers for FLIM Applications
PO-099		Lucas	**Fernandez**	Johannes Kepler University, Linz	From Meteorite to Life's Building Blocks: A possible Electrochemical Pathway to Amino Acids and Peptide Bonds
PO-043	Mrs.	Lilla	**Gal**	Institute of Chemistry, University of Graz	Biocatalytic Formylation of Resorcinol: A Green Approach to C-C Bond Formation
PO-104	Ms.	Pia	**Gartlgruber**	Institute of Applied Synthetic Chemistry/TU Wien	Synthesis of SERM metabolites and glucuronides relevant for Doping Analysis
PO-066	Mr.	Tobias	**Gökler**	Institute of Applied Synthetic Chemistry, TU Wien	Fine-tuning oncogenic signaling: regulation of β-catenin by phosphorylation
PO-080	Prof.	Bernhard	**Gollas**	Institute for Chemistry and Technology of Materials, Graz University of Technology	A robust fuel cell operating on lunar water derived fuels
PO-081	Prof.	Bernhard	**Gollas**	Institute for Chemistry and Technology of Materials, Graz University of Technology	A new approach to investigate ion transport of water-in-salt electrolytes in the bulk and in multiporous carbon electrodes
PO-082	Prof.	Bernhard	**Gollas**	Institute for Chemistry and Technology of Materials, Graz University of Technology	Nanoporous carbon electrodes produced from bio-precursors and their performance in aqueous hybrid supercapacitors
PO-059	Mr.	Samuel	**Graf**	Institute of Materials Physics, TU Graz	Nanoporous copper carriers for metal-enzyme hybrid electrodes produced via electrochemical dealloying

Chemietage 2024 - List of Posters					
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PO-054	Dr.	Maximilian	**Grandi**	Institute of Chemical Engineering and Environmental Technology/TU Graz	Research into the sustainable production of catalyst-coated membranes for electrochemical energy conversion
PO-041	Ms.	Rafaela	**Greil**	Institute of Chemical Engineering and Environmental Technology/TU Graz	From Batch to Continuous: Implementation of the Hydrometallurgical Recycling of Lithium and Cobalt from Lithium-Ion-Batteries in the Taylor-Couette Disc Contactor
PO-067	Mr.	Lorenz	**Gruber**	TU Wien	Benchmarking Data for Bioorthogonal Diels–Alder Cycloadditions
PO-096	Ms.	Nina	**Grujicic**	TU Graz	ZIF-8 encapsulated Komagataella phaffii in whole-cell biocatalysis.
PO-097		Hermann	**Habacher**	Division of Medicinal Chemistry, Otto Loewi Research Center for Vascular Biology, Immunology and Inflammation, Medical University of Graz	Unveiling the Direct Interaction Between p53 and β-catenin
PO-101	Dr.	Mustapha	**Hamdaoui**	University of Graz	Metal-free Hydrogen Generation from Biomass and Waste
PO-084	Mr.	Abdellatif	**Helaly**	King Abdulaziz University	Salen-type copper(II) complexes: Synthesis, characterization, DFT calculations and anticancer activity
PO-023	Ms.	Lena	**Hofbauer**	ICTM/TU Graz	WATER AS A MONOMER: SYNTHESIS OF AN ALIPHATIC POLYETHERSULFONE FROM DIVINYL SULFONE AND WATER
PO-093	Mr.	Clemens	**Hofmann**	Graz University of Technology	Improving Teraryl based α-Helix Mimetics via Incorporation of N-Heterocycles
PO-047	Mr.	Mahdi	**hosseinpour**	Innsbruck University	Methane Dry Reforming over Ni/Zr: Catalyst decoking and regeneration strategies
PO-105	Dr.	Dubravka	**Jembrih-Simbürger**	Institute for Natural Sciences and Technology in the Arts, Academy of Fine Arts Vienna,	
PO-065	Mr.	Maximilian	**Käfer**	Institute of Chemical Engineering and Environmental Technology	Reducing Over-Humidification Risks to Improve Performance and Longevity of Fuel Cell Electric Vehicles
PO-102	Dr.	Maximilian	**Kaiser**	TUWIEN	Carpe Diene!
PO-045	Mr.	Michael	**Kaltenegger**	Graz University	Designing bitopic peptides as probes for stored elastic curvature stress in membrane mimetic systems
PO-037	Ms.	Nanditha	**Kattukudiyil Narayanan**	TU Wien	Mechanochemical Rh (III)-Catalyzed C(sp3)-H Methylation of 8-Methylquinolines
PO-030	Mr.	Patrick	**Keppel**	Institute of Applied Synthetic Chemistry/TU Wien	Boosting Bioorthogonal Click-to-Release with Hydroxylated Aryl-Tetrazines
PO-019	Mr.	Maximilian	**Koeck**	TH Rosenheim - Campus Burghausen	CO2 Direct Electrolysis to Green Ethylene
PO-010	Ms.	Anjali	**Kottayi**	Institute of Chemistry, University of Graz	Sustainable Synthesis of Bio-based Isochromans
PO-001		Bence	**Kovago**	Department of Physical Chemistry, University of Vienna	Miscibility of polymer blends at the air-water interface
PO-089	Dr.	Michaela	**Kröppl**	University of Applied Sciences Upper Austria	A 3D Chemistry Escape Room
PO-015	Mr.	Florian	**Kühberger**	Johannes Kepler University	High entropic oxides for the catalytic hydrogenation of CO2 to methanol
PO-052	Mr.	Michael	**Lammer**	CEET/TU Graz	Hydrogen Storage at Low Pressure by Chemical Looping
PO-014	Ms.	Johanna	**Lang**	Institute for Chemistry and Technology of Materials/Graz University of Technology	Copolymerization of Epoxyeugenol and Bisphenol A Diglycidyl Ether
PO-064	Mr.	Jakob	**Lauß**	Institute of Analytical Chemistry and Radiochemistry, University of Innsbruck	Investigating the UV Degradation of Microplastics Particles with IR 2D Correlation Spectroscopy
PO-077	Mr.	Péter	**Lénárt**	Eötvös Loránd University	Application of supercharging agents for the enhancement of the performance of LC-MS methods used for the structural characterization of therapeutic proteins
PO-031	Ms.	Agnes	**Lenz**	TU Wien, IAS	Tailoring Peptide Nucleic Acids for Advanced Antisense Therapeutics
PO-100	Mr.	Jan	**Leodolter**	Institute of Physical and Theoretical Chemistry / TU Graz	A Computational Model Study of the Interaction of Methylorange Dye with Doped Polypyrrole
PO-018	Prof.	Manuela	**List**	TH Rosenheim - Campus Burghausen	Investigation of the color diffusion of beech wood treated with (natural) dyes

Chemietage 2024 - List of Posters					
Poster Nr.	**Title**	**First**	**Last**	**Affiliation**	**Title of Poster Presentation**
PO-071	Mr.	Philipp	**Loibner**	Institute of Chemistry and Technology of Biobased Systems (iBiosys)	Covalent Cross-linking of Alginates via Glycine-derived Small Molecular Agents
PO-021	Mr.	Emanuel	**Mahambo**	University of Vienna	On the way to new antimalarial substances with phytochemical constituents of selected Pentas species
PO-060	Dr.	Suman	**Mallick**	TU Graz	Synthesis and studying photophysical properties of luminescent organic radicals for OLEDs
PO-017	Mr.	Jan	**Maurischat**	TH Rosenheim - Campus Burghausen	Extraction of Protein-Based Biopolymers from Algae and Food Byproducts
PO-109	Mr.	Ferenc	**Minya**	Iron-catalysed Kumada-type cross coupling for the synthesis of APIs and bipyridines	
PO-095	Dr.	Tamilselvan	**Mohan**	Institute of Chemistry and Technology of Biobased Systems	Polysaccharide-based 2D Biomaterials
PO-044	Mr.	Stefan	**Moscher**	ICTM/TU Graz	Improvement of tin halide perovskite solar cells through perovskite composition and crystallization conditions
PO-009	Mrs.	Christina	**Mühlthaler**	Technical University Graz	Quantitative Analysis of Metals in Wine by ICP-OES and ICP-MS: Evaluation and Optimization of Sample Pre-treatment and Digestion Procedures
PO-025	Ms.	Nicole	**Müller**	Institute of Chemical, Environmental and Bioscience Engineering/TU Wien	Upgrading alcohols to fuel-range hydrocarbons using zeolite catalysts
PO-005	Mr.	David	**Naderer**	INSTITUTE OF ORGANIC CHEMISTRY / JKU	Tetrabutylammonium Iodide-Catalyzed Oxidative alpha-Azidation of beta-Ketocarbonyl Compounds Using Sodium Azide
PO-029	Mr.	Simon	**Offenthaler**	Institute of Organic Chemistry, Johannes Kepler University Linz	Electrolyzer Design for Electrochemical CO2 Reduction
PO-008	Mr.	ODYSSEFS-IOANNIS	**PANTELAKIS**	Graz University of Technology / Institute of Molecular Biotechnology	Examining amino acid dioxygenases through the lens of unnatural enzyme engineering
PO-055	Ms.	Dejana	**Paponjak**	Universität Wien	Mass spectrometry based investigation of secondary metabolites in Pentas Benth.
PO-069	Ms.	Katharina	**Pfennigbauer**	Institute of Applied Synthetic Chemistry/TU Wien	Functionalization of PEDOT-N3 films with cyclodextrin hosts for sensing application
PO-035	Dr.	Georg	**Pfleger**	Institute of Chemistry/University of Graz	Influence of next generation sustainable gasoline fuels on detailed hydrocarbon emissions of internal combustion engines
PO-007	Ms.	Magdalena	**Piringer**	Institute of Organic Chemistry/JKU Linz	Enantioselective (4+2) Cycloadditions of Allenoates with Michael Acceptors Applying Chiral Isochalcogenourea Catalysts
PO-092	Mr.	Nikolaus	**Poremba**	TU Wien	Pushing the Frontiers of Cancer Treatment via Iontronically controlled Click-To-Release Chemistry
PO-022	Ms.	Michaela	**Porkert**	E164 Institut für Chemische Technologie und Analytik Technical University Vienna	Method development for investigating 20 PFAS in snow samples from a background region
PO-013	Dr.	Wolfgang	**Preis**	Chair of Physical Chemistry / Montanuniversitaet Leoben	Molecular dynamics simulations of grain boundary diffusion in barium titanate
PO-087		Viktoria	**Rehbein**	Institute of Inorganic Chemistry/Graz University of Technology	Azacryptand-based Dinuclear Rare-Earth Metal compounds
PO-048	Dr.	Matiss	**Reinfelds**	BioNanoNet Forschungsgesellschaft mbH	
PO-061	Mr.	Lukas	**Roessler Escudero**	Graz University of Technology	Investigation on the operating boundaries of SDE for the elimination of SO2 crossover
PO-078	Mr.	Federico	**Rossi**	University of Graz	Stereoselective isomerization-reduction one-pot cascade catalyzed by Old Yellow Enzymes
PO-091	Mr.	Federico	**Rossi**	University of Graz	Stereoselective isomerization-reduction one-pot cascade catalyzed by Old Yellow Enzymes
PO-012	Mr.	Sebastian	**Rücker**	Technische Universität Wien	Structure, Bonding and Reactivity of a Novel Cobalt-Aluminum Complex
PO-033	Ms.	Anna	**Scheucher**	Institut für Organische Chemie | JKU Linz	(4+2) CYCLIZATIONS VIA CHIRAL ISOCHALCOGENOUREA ACTIVATED ALLENOATES
PO-070	Ms.	Andrea	**Schiefer**	Applied Synthetic Chemistry/TU Wien	Accelerated Click-to-Release of Cleavable Tetrazines
PO-056	Dr.	Joerg	**Schrittwieser**	University of Graz	Chemo-Enzymatic Asymmetric Synthesis of 2,3,6-Trisubstituted Piperidines
PO-062		Stefan	**Schwaiger**	Institute of Chemistry, University of Graz	Exceptional Properties of Lignin-based Surfactants

Chemietage 2024 - List of Posters					
Poster Nr.	**Title**	**First**	**Last**	**Affiliation**	**Title of Poster Presentation**
PO-063	Mr.	Benedikt	**Schwarz**	University of Innsbruck	Combining Near-Infrared Spectroscopy and Liquid Chromatography-Mass Spectrometry for Phytochemical Analysis of Oak Bark Extract
PO-016	Prof.	Clemens	**Schwarzinger**	Institute for Chemical Technology of Organic Materials / Johannes Kepler University Linz	Characterization of Sustainable Polyesters Manufactured by Enzyme catalysis
PO-027	Ms.	Lara	**Skef**	Graz University of Technology	Fast and Rapid Determination of Photoinitiators in UV-Printed Food Contact Materials
PO-088		Moritz	**Smilde**	University of Graz	Allosteric GPCR Signaling Rationalized with the Cubic Ternary Complex Model
PO-086	Dr.	Roberto	**Sole**	University of Graz	Development of bio-based materials from renewable feedstocks
PO-068	Dr.	Julia	**Spanring**	Paris Lodron University Salzburg	Silicon Polyolates: Opportunities and Challenges in Sol-Gel Processing
PO-094	Dr.	Gunnar	**Spiegel**	Dario Pindric; Christian Paulik	Removal of surface contamination using solvent-based recycling for HDPE
PO-024	Ms.	Magdalena	**Steinbrugger**	Institute of Chemistry and Technology of Biobased Systems/ TU Graz	N-MODIFIED ISOFAGOMINES: THE ROLE OF SYNTHETIC ADVANCES IN SHAPING BIOLOGICAL EFFECTS
PO-050	Mr.	Lorenz	**Steiner**	Karl-Franzens-Universität Graz	Cast-Specific Differences in Elemental Composition and Selenium Speciation in European Honey Bees
PO-053	Dr.	Raphaela	**Süss**	Wood K plus - Kompetenzzentrum Holz GmbH	Optimization in the Depolymerization of Industrial Lignin
PO-073	Mr.	Marcell Janos	**Toth**	University of Miskolc	Investigation of mechanical properties of Thermoplastic starch – Natural filler matrix
PO-049		Moritz	**Urschbach**	Universität Wien	Modular access to structurally defined ubiquitin chains
PO-036	Mr.	Elmir	**Velagic**	JKU	Trace level analysis of PFAS in different water sources
PO-085	Dr.	Nitish	**Verma**	Department of Chemistry, Universität für Bodenkultur Wien, Austria	Synthesis of β-1,3-Xylan Oligosaccharides by Automated Glycan Assembly
PO-040	Mr.	Stephan	**Vrabl**	University of Graz, Institute of Chemistry	Enhancing the Hydrogen Peroxide Stability of P450SPα through Computational- and Structure-Guided Engineering
PO-079	Dr.	Stefan	**Wagner**	Montanuniversität Leoben	Development of Selective Skin Patches based on Diffusive Gradients in Thin Films (DGTs) for Elemental and Isotopic Analysis at (Ultra-)Trace Levels in Sweat
PO-075	Dr.	Zhiwen	**Wang**	Institute of Chemistry/University of Graz	Systematic elucidation of the structural transformation of lignin through methodical sequential diol-based ternary DES treatments
PO-011	Mr.	Peter	**Weiss**	Graz University of Technology	Functionalized Electron-Rich Pyridines as Initiators for the Epoxy Homopolymerization
PO-107		Thomas	**Winterstein**	University of Innsbruck, Institute of Physical Chemistry	
PO-046	Mr.	Alexander	**Wolf**	aInstitute of Organic Chemistry, Graz University of Technology	Modular Synthesis of Teraryl-based Alpha-Helix Mimetics
PO-006	Mrs.	Fatima	**Yaghi**	Institute of Chemical Technologies and Analytics, TU Wien	Synthesis and Performance Evaluation of Dual-Click Sulfonamide Tetrazines
PO-090	Ms.	Reyhan	**Yagmur**	Graz University of Technology	DFT-Based Calculation of the Redox Potential of Symmetric Aminoquinones
PO-051	Ms.	Farzaneh	**Yari**	Johannes Kepler University	