

## Posters List

Poster ID	Presenter	Title
P01	Aghito M	Magnetically Responsive Enzyme and Hydrogen-bonded Organic Frame-work Biocomposites for Biocatalytic Applications
P02	Baldauf S	Structure-guided investigation of parameters determining enzyme-catalysed reactions
P03	Bieber M	Design, synthesis and catalytic application of water-soluble dppf-ligands
P04	Bodner M	Investigation on the development of water electrolysis technologies
P05	Dorn T	Towards Biological Solid-Liquid Interfaces: Chitosan Thin-Film Modification with Small Fluorescent Molecules
P06	Eibinger M	Single-Molecule Insights into Cellulose Deconstruction
P07	Friess M	Generation of quaternary stereocenters via ene-reductase mediated desymmetrization of cyclohexadienones
P08	Gadermaier B	NMR at extreme temperatures - from cryogenic to blazing hot
P09	Groessl DM	Synthesis and Characterization of Group 14 Metal <i>meso</i> -Tetraalkynyl Porphyrins
P10	Harter T	Tracking of liquid movement in bulky viscose fibre networks using infrared thermography
P11	Heurix M	Monosilane as a Cheap Feedstock for Branched Oligohydridosilanes
P12	Hönigsberger J	Investigations on (semitransparent) organic solar cells with a special focus on stability
P13	Jurkaš V	Enzymatic cascade to natural ligustrazine
P14	Knaipp K	Photoresponsive covalently linked dextran networks – towards functional hydrogels
P15	Kolathuparambil S	Computational design of new proteases
P16	Kracher D	Exploring the Role of Lytic Polysaccharide Monooxygenases in Human Pathogenicity
P17	Krammer L	Diarylhalonium-based Probes for Activity-based Protein Profiling of Oxidoreductases
P18	Lackner F	3D Printing of Polysaccharides Imitating Porcine Aortae
P19	Lambauer V	Advanced gas fermentation strategies for CO <sub>2</sub> utilization by the microbial bioplastic producer <i>Cupriavidus necator</i>
P20	Lammer M	Iron-based structures as sustainable, non-toxic and widely available energy carriers
P21	Lamprecht M	In-Situ Alignment of Dielectric Fibers with Electric Fields in Extrusion Processes
P22	Landgraf S	Thioxanthone Dioxide Triplet States have Low Oxygen Quenching Rate Constants
P23	Leodolter J	A Computational Model Study of the Interaction of Methylorange Dye with Doped Polypyrrole
P24	Linares-Moreau M	Fabrication of oriented MOF films and patterns by conversion from oriented ceramic nanostructures
P25	Lipic V	Enhanced Enzymatic Performance with Multivariate Metal Azolate Framework-Biocomposites
P26	Loibner P	Alternative Methods for Covalent Cross-linking of Alginates
P27	Lux S	Hydrogen-based processing of mineral iron carbonate; iron production combined with catalytic CO/CO <sub>2</sub> hydrogenation

Poster ID	Presenter	Title
P28	Mohan T	Multifunctional 2D Polysaccharide-based Biomaterials
P29	Neshchadin D	Light-induced chemical transformations in condensed matter.
P30	Parhi C	Piezoelectric hardening: Mechanisms, Processing, Characterization and Applications
P31	Paris M	Synthesis and Characterization of New Counterion Substituted Triacyl-germenolates and Investigation of Selected Metal-Metal Exchange Reactions
P32	Pfeiffer M	Efficient and Sustainable Enzymatic Synthesis of the Crucial mRNA Vaccine Building Block Pseudouridine
P33	Prasch H	Glycomimetics as Selective Ligands for Ligand Directed Protein Profiling of Glycoside Hydrolases
P34	Radl S	Predictive Power to the Particles
P35	Rath T	Influence of Perovskite Composition and Crystallization on the Properties of Tin Halide Perovskite Solar Cells
P36	Ratzenböck K	Exploiting retro oxa-Michael chemistry in polymers
P37	Rieder L	LPMOs as tools for signal peptide evaluation in <i>Pichia pastoris</i>
P38	Rohde S	A robust fuel cell operating on lunar water derived fuels
P39	Roller CA	Phosphanyl-Supported Low-Valent Compounds of the Heavier Tetrrels: An Experimental and Computational Study on Formation and Reactivity
P40	Roschger M	Innovative approaches for the manufacture of membrane electrode assemblies
P41	Schaubeder J	Effect on Paper Properties by Adding and Removing Xylan from Chemical Pulp
P42	Scheiber T	Charge carrier dynamics of the mixed conducting interphase in all-solid-state batteries
P43	Schmid P	Aryl Terminated Germanium Nanoparticles: Preparation and Properties
P44	Sigl M	Synthesis of porous metal sulfides and titania/metal sulfide photocatalysts
P45	Soritz S	Automating chemical process optimization
P46	Steinbrugger M	A remarkable influence on biological behaviours of isofagomine induced by suitable N-modifications
P47	Steinreiber L	Trapping of cyclohexynes via cycloaddition reactions
P48	Thonhofer M	Coincise and efficient access to isoiminosugars and beyond
P49	Valotta A	Advancing solutions for the implementation of biocatalysts in continuous flow
P50	Winkler A	Mass Spectrometry-based techniques in Integrative Structural Biology
P51	Zhong C	Production of Functional Cello-oligosaccharide Materials Enabled by Applied Biocatalysis
P52	Zuson J	Deciphering Epistatic Effects & Context Dependency in Enzyme Evolution of Borneol-type Dehydrogenases