

SCHEDULE

Wed. April 3rd

8:15-9:00	Registration Poster Preparation
9:00-9:15	<u>Opening, Welcome</u> Dean Bernd Nidetzky and VR Joachim Reidl
9:15-10:05	<u>Plenary lecture</u> <u>Chair:</u> Wolfgang Kroutil PL01 Nicola Hüsing
10:05-10:15	Break
10:15-11:15	<u>Chair:</u> Christoph Garstenauer ST01 Raimund Teubler ST02 Thomas Scheiber ST03 Matthias Steiner
11:15-11:30	Break
11:30-12:30	<u>Chair:</u> Michael Hafner ST04 Bernhard Sölle ST05 Leo Krammer ST06 Sebastian Rohde
12:30-13:30	Lunch Break
13:30-14:50	<u>Chair:</u> Florian Stainer ST07 Philipp Schmid ST08 Nina Strasser ST09 Md Tauhidul Islam ST10 Anna Jodlbauer
14:50-15:10	Break
15:10-16:10	<u>Chair:</u> Stefano Martinuzzi ST11 Marco Sigl ST12 Johannes Götz ST13 Eleonora Matic
16:15-18:00	Break & Poster Session

Thu. April 4th

9:00-10:20	<u>Chair:</u> Lena Hofbauer ST14 Duham Zanotto ST15 Shilpa Panchami Raj ST16 Michael Hafner ST17 Lilla Gal
10:20-10:40	Break
10:40-12:00	<u>Chair:</u> Melissa Egger ST18 Tobias Dorn ST19 Iga Malicka ST20 Stefano Martinuzzi ST21 Stephan Vrabl
12:00-13:00	Lunch Break
13:00-14:00	<u>Chair:</u> Sebastian Rohde ST22 Herwig Prasch ST23 Jonas Spsychala ST24 Konstantin Knaipp
14:00-14:15	Break
14:15-15:15	<u>Chair:</u> Nikola Petrovic ST25 Matthias Wiech ST26 Karl Leonard Sterz ST27 Florian Stainer
15:15-15:30	Break
15:30-16:30	<u>Industry talks:</u> IT01 Thermo Fisher Scientific, Linz IT02 AntonPaar IT03 ams OSRAM
16:40-17:00	Award Ceremony Closing
18:00-end	Social Evening Café Skurril

Plenary Talk

PL01: Nicola Hüsing

“Silicon polyolates: An opportunity for sustainable and green materials syntheses?”

Student Talks

ST01 Raimund Teubler

How to investigate the transport of volatile organic compounds through the porous network of paper

ST02 Thomas Scheiber

Characterization of the Mixed Ionic/Electronic Conductivity Behavior of $\text{Li}_{1.5}\text{Al}_{0.3}\text{Ti}_{1.7}(\text{PO}_4)_3$ after Chemical *ex situ* Lithiation

ST03 Matthias Steiner

Using the phospho-Michael reaction for making phosphonium phenolate zwitterions

ST04 Bernhard Sölle

Bio-Based Phosphate Esters as New Transesterification Catalysts for Green Dynamic Photopolymer Networks

ST05 Leo Krammer

Diarylhalonium-based Probes for Activity-based Protein Profiling of Oxidoreductases

ST06 Sebastian Rohde

Powering the Moon: Nanofiber Fuel Cell Electrodes for Lunar Habitats

ST07 Philipp Schmid

Synthesis and Characterization of Germanium Nanoparticles Derived from Trihydrides

ST08 Nina Strasser

Experimental and Theoretical Investigation of the Influence of Pore-confined Water on the Thermal Expansion of a Zinc-based Metal-organic Framework

ST09 Md Tauhidul Islam

Ion transport of water-in-salt electrolytes in multiporous carbon

ST10 Anna Jodlbauer

Tracking ions in an Li_2S : LiI composite – on the effect of solid-solution formation on overall Li^+ transport

ST11 Marco Sigl

Preparation of hierarchically porous metal sulfide thin films

ST12 Johannes Götz

Roll-to-Roll UV Nano Imprint Lithography - An experimental and simulation study

ST13 Eleonora Matic

UV-induced Degradation of Fluorinated Pharmaceuticals and Pesticides: How Can We Use This Knowledge for Wastewater Treatment?

ST14 Duham Zanotto

Synthesis of modulators (activators/inhibitors) and their light-responsive versions for precise and temporal and spatial control of mammalian (human) Ca²⁺-transporting ion-channels (TRP and CRAC).

ST15 Shilpa Panchami Raj

Chemisorption and diffusion of fluorocarbon compounds on Ag(110)

ST16 Michael Hafner

Protein@ZIFs with tailor-made properties

ST17 Lilla Gal

Biocatalytic methodology for formylation of aromatics

ST18 Tobias Dorn

Modification of Polysaccharides: Preparation and Characterization of Bioactive Cellulose and Chitosan Derivatives

ST19 Iga Malicka

Glucose and lactate optical biosensors for microfluidic cell culture monitoring

ST20 Stefano Martinuzzi

Development of Continuous Hydrogenation Processes for the Production of APIs

ST21 Stephan Vrabl

Optimization of P450 Peroxygenases for the α -Hydroxylation of Fatty Acids

ST22 Herwig Prasch

Glycomimetics As Ligands For Selective and Covalent Labeling of Glycoside Hydrolases

ST23 Jonas Spychala

Fast lithium ion dynamics in Li₄PS₄I

ST24 Konstantin Knaipp

Photoresponsive covalently linked dextran networks – towards functional hydrogels

ST25 Matthias Wiech

On the Reactivity and Application of Alkoxyamines

ST26 Karl Leonard Sterz

Analysis of Concrete Degradation Through a Novel Chloride Sensor

ST27 Florian Stainer

Influence of moisture on Li ion diffusivity in Li₆La₃ZrTaO₁₂ as seen by solid-state ¹H and ⁷Li NMR relaxation