

SCHEDULE

Wed. April 8th

8:00-8:30	Registration / Poster Preparation
8:30-9:00	DocDays Opening OWA1 Elke Heinrichs (Stadt Graz) OWA2 Joachim Reidl (Uni Graz) OWA3 Andrea Höglinger (TU Graz) OWA4 DocSchool Chemistry: Wolfgang Kroutil, Rupert Kargl
9:00-9:45	<u>Chair:</u> Heads of DocSchool Plenary Talk: PT01 Claire Cobley
9:45-10:00	Coffee Break
10:00-10:45	<u>Chair:</u> Julia Stöllinger ST01 Philipp Materna (TU) ST02 Nathalia Vargas Valverde (KF) ST03 Theresa Mautz (TU)
10:45-11:00	Coffee Break
11:00-12:00	<u>Chair:</u> Jonas Spang ST04 Manuel Candussi (KF) ST05 David Schuster (TU) ST06 Ferenc Minya (KF) ST07 Maria Degli Innocenti (TU)
12:00-13:00	Lunch Break
13:00-13:45	<u>Chair:</u> Mark Bieber ST08 Franziska Peer (KF) ST09 Anna Paulik (TU) ST10 Klara Silber (KF)
13:45-14:00	Coffee Break
14:00-14:45	<u>Chair:</u> Christoph Schmiedleitner ST11 Pia-Maria Egger (TU) ST12 Harikrishnan Kuroormana Narahari (KF) ST13 Parhi Chinmay Chandan (TU)
14:45-15:00	Coffee Break
15:00-15:45	<u>Chair:</u> David Schuster ST14 Bernadette Ortner (TU) ST15 Magdolna Varga (KF) ST16 Jana Königsreiter (TU)
15:45-16:00	Coffee Break
16:00-16:45	<u>Chair:</u> Anna Paulik ST17 Corinna Kawaus (KF) ST18 Julia Hönigsberger (TU) ST19 Ayan Banerjee (KF)
16:45-18:00	Poster Session

Thu. April 9th

8:30-9:00	Registration
9:00-9:45	<u>Chair:</u> Theresa Mautz ST20 Denis Düzgun (TU) ST21 Andreas Baumgartner (KF) ST22 Eleonora Palmerini (KF)
9:45-10:00	Coffee Break
10:00-10:45	<u>Chair:</u> Andreas Baumgartner ST23 Daniel Borstner (TU) ST24 Arnold Tharun Thomas (KF) ST25 Virginia Lafranconi (TU)
10:45-11:00	Coffee Break
11:00-12:00	<u>Chair:</u> Philipp Materna ST26 Christa Hofer (KF) ST27 Mark Bieber (TU) ST28 Mohamed Villan (KF) ST29 Bernhard Grüner (KF)
12:00-13:00	Lunch Break
13:00-13:45	<u>Chair:</u> Anja Steinmaurer ST30 Marisa Quinteros (KF) ST31 Tina Spirk (KF) ST32 Johanna Lang (TU)
13:45-14:00	Coffee Break
14:00-14:45	<u>Chair:</u> Marta Jancic ST33 Yifan Xi (KF) ST34 Mirjam Spuller (TU) ST35 Federico Rossi (KF)
14:45-15:00	Coffee Break
15:00-15:45	<u>Chair:</u> Federico Rossi ST36 Peter Weiß (TU) ST37 Sri Hari Anandhi Rajendran (KF) ST38 André Culum (TU)
15:45-16:00	Coffee Break
16:00-17:00	<u>Chair:</u> Heads of DocSchool IT01 Saubermacher IT02 Lam Research IT03 Anton Paar
17:00	Awards Ceremony & Closing
19:00-end	Social Event at Brot&Spiele

TALKS

Opening Welcome Address:

OWA1: Elke Heinrichs, Gemeinderätin der Stadt Graz (City of Graz councilwoman)

OWA2: Joachim Reidl, Vice-Rector for Research, University of Graz

OWA3: Andrea Höglinger, Vice-Rector for Research, Graz University of Technology

OWA4: Wolfgang Kroutil (University of Graz) and Rupert Kargl (Graz University of Technology),
Heads of the Doctoral Schools of Chemistry

Plenary Talk:

PT01: Claire Cobley, University of Graz

Career experiments: Finding your way after a PhD

Student Talks:

ST01: Philipp Materna

In Situ SAXS/WAXS Investigation of Structural Evolution in Sodium-Based Battery Systems

ST02: Nathalia Vargas Valverde

Influence of water-miscible organic cosolvents on ene-reductases stability

ST03: Theresa Mautz

Luminescent Surface-Anchored Metal Organic Frameworks for Optical Oxygen Sensing

ST04: Manuel Candussi

The Beauty and the Burden: Insights into Firework-derived Single Particles using ICP-TOFMS and AF4

ST05: David Schuster

CO₂ Activation of Polydicyclopentadien-Based Hard Carbon for Long Cycle Life Na-Ion Battery Anodes

ST06: Ferenc Minya

Iron-catalyzed Kumada-type cross coupling for the synthesis of APIs and bipyridines

ST07: Maria Degli Innocenti

Targeting the Autophagy Checkpoint ACBP with Teraryl-based α -Helix-Mimetics

ST08: Franziska Peer

Combustion Ion Chromatography versus Microwave-Induced Combustion with ICPMS/MS: A Comparative Approach for Fluorine Analysis

ST09: Anna Paulik

Aging-induced ferroelectric hardening of acceptor-doped lead-free (Ba,Ca)(Zr,Ti)O₃ piezoceramics

ST10: Klara Silber

Automated Dynamic Flow Experimentation for Rapid Kinetic Fitting of Transition Metal Catalysis

ST11: Pia-Maria Egger

Thiol-click networks: Versatile and tunable polymers

ST12: Harikrishnan Kuroormana Narahari

Development of novel, recyclable and lignin-based epoxy resins

ST13: Parhi Chinmay Chandan

Defect chemistry governs piezoelectric hardening and relaxor behavior in A-site non-stoichiometric $0.94(\text{Na}_{1/2}\text{Bi}_{1/2}\text{TiO}_3)-0.06(\text{BaTiO}_3)$

ST14: Bernadette Ortner

Tuning Absorption via Donor Dilution: Advancing Organic Active Layers for Perovskite–Organic Tandem Solar Cells

ST15: Magdolna Varga

Towards bio-based aliphatic tertiary amines from lignin via the hydrogen borrowing methodology

ST16: Jana Königsreiter

Grain Boundary Effects and Pure Bulk Transport: Utilizing Low-Temperature Impedance Spectroscopy to Determine Ultra-High Ionic Conductivity in W-Doped Na_3SbS_4

ST17: Corinna Kawaus

Biocatalytic Strategies for Macrolactonization with Lipases and Thioesterases

ST18: Julia Hönigsberger

Toward Stable Organic Solar Cells: Modified Interlayers and Dehalogenation Studies

ST19: Ayan Banerjee

Synthesis and Characterization of Recyclable Epoxy Thermosets from Lignin Biomass

ST20: Denis Düzgün

From Cell to Vehicle: Causes, Mechanisms and Impacts of Thermal Runaway and Thermal Propagation in Electric Vehicle Lithium-Ion Batteries

ST21: Andreas Baumgartner

Sustainable Synthetic Organic Electrochemistry in Water

ST22: Eleonora Palmerini

Ionic Liquids and beyond: catalytic innovations for coupling reactions

ST23: Daniel Borstner

UV Imprinted Microfluidic Channels on Flexible ITO Electrodes

ST24: Arnold Tharun Thomas

Green modification of lignin via homogenous transition metal catalysis

ST25: Virginia Lafranconi

From Molecular Design to Stability: New Strategies for Organic Solar Cells

ST26: Christa Hofer

Hydrogenation of Alkenes Using Mn(I)NacNac Complexes

ST27: Mark Bieber

Flowing Power: Design, Synthesis and Characterization of Water-soluble Phenazines in Redox-Flow Batteries

ST28: Mohamed Villan

Investigation of Acetylene Hydration Using Cationic Tungstocene(IV) Complexes

ST29: Bernhard Grüner

Combined optical and mass spectrometric analysis of single microparticles via in-line microscopy-SP ICP-MS

ST30: Marisa Quinteros

Biocatalytic reduction of pre-formed aromatic imines

ST31: Tina Spirk

Enhancing Safety in Lithium-Ion Battery Recycling
A Study on Degradation Products and Particular Matter in Mechanical and Thermal Recycling Processes

ST32: Johanna Lang

Opportunities and Challenges of Acrylates and Methacrylates in Epoxy-Amine Covalent Adaptable Networks

ST33: Yifan Xi

Electrolysis-Assisted Reduction of Dimethylformamide for Unactivated Alkene Functionalizations

ST34: Mirjam Spuller

Cerium-containing hexamethyldisiloxane coatings for corrosion protection of a laser-based powder bed fusion fabricated AlSi10Mg0.3 alloy

ST35: Federico Rossi

Beyond Ene-Reduction: Catalytic Versatility of Old Yellow Enzymes in Stereoselective Cascades

ST36: Peter Weiss

Active Ester Curing of Epoxides Producing Low-Dielectric Thermosets

ST37: Sri Hari Anandhi Rajendran

Sustainable and Scalable Peptide Synthesis via EEDQ-Mediated Amidation in Water

ST38: André Culum

Water-Soluble Acylgermanes via a Germa-Michael Reaction: A Modular Route toward Bio-Compatible Photoinitiators