

# Science Day 2025 | Program

Faculty of Technical Chemistry, Chemical and Process Engineering, and Biotechnology

**Date:** June 5, 2025

**Room:** HS H „Ulrich Santner“

**08:45 – 09:30**     **Poster Session**

**09:30 – 09:45**     **Welcome and Greetings**

Bernd Nidetzky - Dean

Andrea Höglinger - Vice Rector

**09:45 – 11:30**     **Chemical and Process Engineering Talks**

*Chair:* Viktor Hacker – Leader, FOE Mobility & Production

- Marlene Kienberger (*Habilitation Celebration Talk*) | *Preparation, characterization and application of natural deep eutectic solvents*
- Christian Witz | *Creating and Validating a Mechanistic Modelling Platform for Bioreactors*
- Michaela Roschger | *Form follows Function: Electrode Design for Electrochemical Devices*

**11:30 – 12:00**     **Poster Session, coffee break**

**12:00 – 13:15**     **Sponsor's remark**

Walter Schneider - Managing Director, GÖCH (Austrian Chemical Society)

**Biotechnology Talks**

*Chair:* Gabriele Berg – Leader, FOE Human & Biotechnology

- Daniel Kracher | *Green Chemistry in Blue: Biochemistry and Applications of Copper-Dependent Polysaccharide Peroxygenases*
- Birgit Wassermann | *Environmental Microbiomes: Functions and Biotechnological Potential*

**13:15 – 14:00**     **Lunch break**

**14:00 – 15:00**     **Technical Chemistry Talks**

*Chair:* Gregor Trimmel – Leader, FOE Advanced Materials Science

- Sergey Borisov | *TADF emitters for optical sensing and imaging of temperature*
- Francesco Carraro | *Hydrogen-bonded Organic Frameworks Biocomposites for biotechnology*

**15:00 – 16:00**     **Poster session, coffee break**

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## Outstanding Master's Thesis Award Ceremony starting at 16:00

### Welcome and Opening

Bernd Nidetzky - Dean

### Greetings from the Rectorate

Michael Monsberger - Vice Rector

### Greetings from the Award Committee

Rolf Breinbauer - Head of the Award Committee

### Award Presentation

Presentation of Certificates to Award Winners

### Thesis Presentations

Short Presentations by Award Winners

### Closing Remarks

Bernd Nidetzky - Dean