

University of Łódź, Faculty of Chemistry  
University of Jena, Institute of Analytical and Inorganic Chemistry  
December 10-11, 2021**Program****Friday, December 10, 2021**

- 10:00 – 10:15** *Opening ceremony*
- Session 1:** *Chairman: prof. Grzegorz Mlostoń*
- 10:15 – 10:45** **Łukasz Albrecht (Lodz University of Technology)**  
*IL-1*  
Organocatalytic cycloadditions as efficient methodology for the construction of chemical diversity
- 10:45 – 11:15** **Axel Schultz (University of Rostock) – on-line**  
*IL-2*  
Activation of thio-compounds by phosphorus biradicals and diphosphanes
- 11:15 – 11.35** *Coffee break*
- 11:35 – 11:55** **Philipp Buday (University of Jena) – on-line**  
*SL-1*  
[FeFe] Hydrogenase mimics based on thiocarbonyl compounds
- 11:55 – 12:25** **Stefan Kupfer (University of Jena) – on-line**  
*IL-3*  
Sulphur's (photo-)redox chemistry – theoretical modelling and applications in solar energy conversion and energy storage
- 12:25 – 14:00** *Lunch break*
- Session 2:** *Chairman: prof. Wolfgang Weigand*
- 14:00 – 14:30** **Stefano Menichetti (University of Florence) – on-line**  
*IL-4*  
Synthesis of thia-bridged triaylamine[4]heterohelicenes: A modern twist in our chemistry
- 14:30 – 15:00** **Marcin Jasiński (University of Lodz)**  
*IL-5*  
Old tool, new tricks: 3-Trifluoromethylpyrazoles through cycloadditions of nitrile imines
- 15:00 – 15:30** **Piotr Matczak (University of Lodz)**  
*IL-6*  
Theoretical insight into intra- and intermolecular interactions in thiocarbonyl compounds

Sponsors:

Partner:

- 15:30 – 15:50**  
**SL-2**
- Jakub Wręczycki (Technical University of Lodz/University of Lodz)**  
The fluoride anion catalyzed sulfurization of thioketones and thiiranes with the use of elemental sulfur
- 15:50 – 16:10* *Coffee break*
- 16:10 – 16:40**  
**IL-7**
- Hassan Abul-Futouh (University of Jena/ Al-Zaytoonah Jordan) – on-line**  
A novel type of the [FeFe]-hydrogenase mimics: Unexpected Course of the reaction of ferrocenyl  $\alpha$ -thienyl thioketone with  $\text{Fe}_3(\text{CO})_{12}$
- 16.40 – 17.10**  
**IL-8**
- Sławomir Domagała (University of Łódź)**  
Electrochemistry of ferrocenyl substituted thioketones and their application as electrocatalysts
- 17:10 – 17:30**  
**SL-3**
- Mateusz Kowalczyk (University of Lodz)**  
New reactions of ferrocenyl thioketones, thioketenes and enolisable azaheterocyclic thiones with D/A-cyclopropanes
- 17:30 – 17:40* *Closing remarks*
- 17:45 – 19:00* *Symposium dinner*

**Saturday, December 11, 2021**

**Meetings and discussions in laboratories**

Sponsors:

Partner: