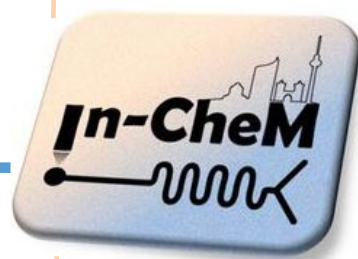


# Workshop FOR 2177

## *Integrated Chemical Micro Laboratories*



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Collegienstraße 62, 06886 Lutherstadt Wittenberg

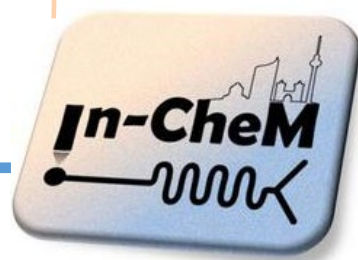
21.-22. November 2022

### **Monday, 21. November 2022**

- 10:00 **Detlev Belder**  
Opening
- 10:10 **Detlev Belder**  
Integrating chemical synthesis and analysis on-chip
- 10:50 **Guest: Julia Westermayr**  
AI and the dream of a selfdriving Laboratory
- 11:30 **Peter Seeberger**  
Résumé of the 2 funding periods
- 12:15 **Lunch**
- 13:15 **Group foto**
- 13:30 **Bernd Abel**  
Résumé of the 2 funding periods
- 14:10 **Knut Asmis**  
Joining Microfluidics with IRPD Spectroscopy: Isomer- and Enantiomer-Specific Monitoring of Reaction Intermediates
- 14:50 **Kevin Pagel**  
Résumé of the participated funding period
- 15:30 **Guest: Rohan Karande**  
Whole-cell biocatalysis in micro-bioreactors
- 16:10 **Coffee break**
- 16:30 **Christoph Schneider**  
Flow Chemistry as a Solution for Challenging Organic Transformations
- 17:10 **Guest: Tanja Gulder**  
Biocatalysis in integrated chemical microlabs
- 18:15 **Dinner**
- 20:00 **Guided city tour**
- 21:00 **Get together in "Charles Bar"**

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### **Tuesday, 22. November 2022**

- 08:00     **Breakfast**
- 09:00     **Andrea Robitzki**  
Résumé of the 2 funding periods
- 09:40     **Marcel Utz**  
Microfluidic NMR as a tool to study chemical and biological systems in operando
- 10:20     **Kirsten Zeitler**  
Résumé of the 2 funding periods
- 11:00     **Coffee break**
- 11:20     **Andreas Kirschning**  
Flow Chemistry under extreme conditions
- 12:00     **Andreas Schmid**  
Résumé of the participated funding period
- 12:40     **Lunch**
- 14:00     **Janina Kneipp**  
Monitoring plasmon-assisted catalysis by plasmon-enhanced spectroscopy
- 14:40     **Hans-Gerd Löhmannsröben**  
Reactions in confined volumes
- 15:20     **Matthias Meier**  
Organ-on-Chip for in vitro Diabetes Research
- ~ 16:00   **Detlev Belder**  
Closing remarks