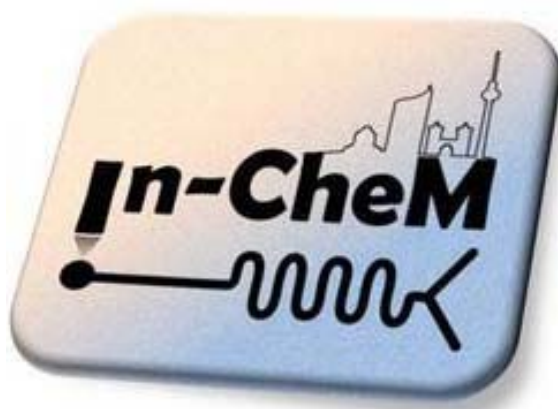


2nd Workshop Forschergruppe 2177

Integrierte chemische Mikrolaboratorien

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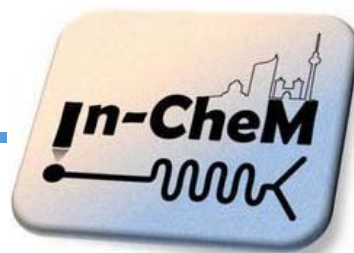
Centre for Biotechnology and Biomedicine (BBZ)

Deutscher Platz 5, 04103 Leipzig

09.-10. November 2017

2nd Workshop Forschergruppe 2177

Integrierte chemische Mikrolaboratorien



Thursday, 9. November 2017

Time

10:00 **Detlev Belder**
Opening

Session 1: Chair Bernd Abel

10:10 **Peter Seeberger**
Automated glycan assembly as basis for novel medicines and materials

10:40 **Roland Zengerle**
Molecular diagnostics at the Point-of-Care by centrifugal microfluidics

11:25 **Thomas Wirth**
Flow Electrochemistry – Challenges and Solutions

12:10 **Lunchtime snack**

Session 2: Chair Andreas Schmid

13:15 **Detlev Belder**
Integrating chemical synthesis and analysis on-chip

13:45 **Oliver Trapp**
Kinetic Investigations by Integration of Synthesis and Analysis

14:30 **Kirsten Zeitler**
Multicatalytic transformations – impact of new techniques

15:00 **Coffee break**

Session 3: Chair Andrea Robitzki

15:30 **Nicole Pamme**
Lab-on-a-chip for environmental analysis of watch-list chemicals and quality control of radiopharmaceuticals

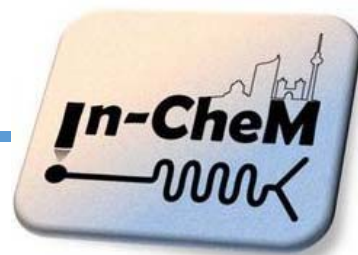
16:15 **Christoph Schneider**
Catalytic multicomponent reactions for the rapid assembly of molecular complexity

18:15 **Guided city tour**

19:15 **Dinner**
At restaurant coffe-baum

2nd Workshop Forschergruppe 2177

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Friday, 10. November 2017

Time

Session 4: Chair Christoph Schneider

- 09:00 **Andreas Schmid**
Single cell microfluidics for whole-cell biocatalysis
- 09:30 **Bernd Abel**
Deciphering chemical reactions and reaction intermediates with liquid microbeam desorption mass spectrometry and quantum chemistry
- 10:00 **Volker Hessel**
From one to multiple flows and back to ONE-FLOW
- 10:45 **Coffee break**

Session 5: Chair Detlev Belder

- 11:15 **Janina Kneipp**
Raman scattering and surface-enhanced Raman scattering for the analysis of complex microsamples
- 11:45 **Christoph Merten**
Droplet Microfluidics in Drug Discovery
- 12:30 **Andrea Robitzki**
Compound separation and target related real time monitoring of drug efficacy on a novel microfluidic chip
- 13:00 **Lunchtime snack**