

SPP2170 iCollege InterZell

SPP 2170 'InterZell' PhD's peer to peer training*

Virtual meeting: Third Thursday monthly 3.00 p.m. via WebEx

When		Who	Topic
Feb 2023	✓	Kickoff in Stuttgart In person 2 days	
July 2023	✓	Karin Engelbert	Confocal laser scanning microscopy- CLSM
October 2023	✓	Jonas Barczyk	How to write useful standard operating procedures (SOP's)
	✓	Anna Stock	Insides of gas fermentation @TU Munich
6-7. Nov. 2023	✓	DFG SPP eBiotech and InterZell Joint conference of the priority programs in Jena at HKI with international key note speakers, 2 days in person	
8. Nov. 2023	✓	Ralf Takors, Peter Neubauer, Lars Regestein	Autumn School „Scale-up“ HKI Jena with lectures Prof. Ralf Takors, University of Stuttgart, Prof. Peter Neubauer, TU Berlin, Dr. Lars Regestein HKI Jena onsite and visiting tour. 1 day in person
December 2023	✓	Peter Neubauer	Workshop “Scientific writing course” by Prof. Peter Neubauer, TU Berlin
January 2024	✓	Peter Neubauer	Workshop “Scientific writing course” by Prof. Peter Neubauer, TU Berlin
January 2024	✓	Katharina Oehlschläger	Cultivation of <i>Clostridia</i> in a low cost pH regulation system
January 2024	✓	Prasika Arulraja	Automated real-time flow cytometry for investigation of population heterogeneity
Feb. 2024	✓	Juliane Zwoch	What does a single cell weigh? Biomass measurements by quantitative phase imaging
Feb. 2024	✓	Emily Schepp	Enzyme mobilization and applications
March 2024	✓	Kira Baur	HPLC's
March 2024	✓	Veronika Burgmaier	Monitoring cell counts by fluorescence in situ hybridization (FISH)
April 2024	✓	Andi Abstreiter	How to manipulate your bacteria genetically for the first time
April 2024	✓	Matthias Pesch	Techniques, opportunities and challenges in microfluidics and single cell analysis using the example of synthetic co-culture

May 2024	✓	Shriya Gupta	Promotion and quantification of biofilms
May 2024	✓	Dorothea Schuetterle	LC-MS/MS
July 2024	✓	Andreas Kremling, Heiko Briesen	Workshop “Mechanistic modelling in system biology” with MATLAB at TU Munich, with Prof. Heiko Briesen and Prof. Andreas Kremling, 2 days in person
Summer Break			
September 2024	✓	Dorothea Iglezakis	Workshop “Data management with repository DaRUS”
October 2024	✓	SPP 2170 Midterm conference at IHK Karlsruhe with project meeting. In person 2 days	
Nov. 2024	✓	Lena Maria Huemmler	Growth-coupled bio production
Dec. 2024	✓	Fangxing Zhang	An introduction to the population balance model
Dec. 2024	✓	Tolue Keirkhah	Holographic microscopy
Winter break			
Feb. 2025	✓	Ryan Rautenbach	Determining transport limitations and barriers
Feb. 2025	✓	Lucas Hermann	Introduction to the constraint-based reconstruction and analysis (COBRA) toolbox
March 2025	✓	Gesa Brauneck	Online monitoring devices in small scale cultivations
March 2025	✓	Judith Wegmann	
May 2025		Michael Schlüter Anna-Lena Heins	Summer School “Life lines” , TUHH, Institute of Multiphase Flows Prof. Michael Schlüter and Prof. Anna –Lena Heins in cooperation with University of Stuttgart. In person 2 days
Summer break			
4.-5. November 2025		SPP 2170 Final conference Berlin, VLB with international keynote speakers. In person 2 days	

SPP 2170 Coordinator

Prof. Dr. Ralf Takors

SPP 2170 Assistant Coordinator

Dr. Martina Rehnert