

iCollege

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

	Name	Date	Title of presentation
1	Ana Barrera ToPiS	10/22/20	Flow cytometry applied to filamentous fungi
2	Maurice Finger ToPiS	10/21/21	Small scale online-monitoring and best practice
3	Rico Zuchowski CoNoS	9/16/21	Rational and evolution based engineering of communities for studying bacterial physiology
4	Katharina Smaluch SiMBal	6/17/21	Living cell dry mass measurement using quantitative phase imaging with quadriwave lateral shearing interferometry
5	Alexander Moock CaproMix	12/17/20	<i>Fluorescence-Activating and Absorption-Shifting Tag protein (FAST)</i>
6	Jan Herzog CaproMix	11/19/20	Bioelectrochemical systems and their application in gas fermentations
7	Ali Khajehesamedini HetAn	12/17/20	Development of a population balance model for the aggregation and growth of <i>Aspergillus niger</i> spores
8	Manh Dat Hoang ProPhet	21/1/21	Fluorescent proteins – A simplified guide to choosing appropriate reporter molecules
9	Thi Doan ProPhet	9/16/21	Approach on growth models
10	Franziska Kratzl CoCoNut	11/19/20	Overview pSEVA (Standard European Vector Architecture) for plasmid assembly. <i>Pseudomonas putida</i> as model organism.
11	Miriam Bäumlér SynCoClos	10/21/21	A brief overview over the design and use of various bioreactors
12	Martina Schneider SynCoClos	10/22/20	Fluorescence <i>in situ</i> hybridization

13	Lena Gaugler CHOLife	10/21/21	An optical method for mixing time determinations
14	Sebastian Hofmann CHOLife	12/17/20	4D-PTV (Particle Tracking Velocimetry) and flow-following particle sensors - Experimental approach
15	Tobias Müller MiMiCry	18/2/21	Understanding crossflow microfiltration - Effects of technical parameters on filtrate flux decline
16	Simon Schick MiMiCry	21/1/21	(Bio-)Indigo production by a bifunctional fusion enzyme and introduction of the method Golden Gate Cloning
17	Simone Schito CoNoS	21/1/21	Rational adaptive laboratory evolution for bacterial community
18	Karin Engelbert HetAn	18/2/21	Introduction to CLSM- Confocal Laser Scanning Microscopy
19	Heiko Steinhoff SiMBal	6/17/21	High precision Ks estimation of <i>Corynebacterium glutamicum</i>
20	Bastian Wollenhaupt SiMBal	6/17/21	Microfluidic batch cultivation and image analysis
21	Tolue Kheirkhah, HetAn	9/16/21	Digital holography microscopy
22	Charlotte Deffur, HetAn	11/18/21	Model-based design of experiments