

Monday, 20.04.26 schedule			
Time	Programm	Title	Lecturer/ Persons
08:00 a.m.	Registration		
08:30 a.m.	General Assembly	on separate invitation for VH Berlin members	
10:15 a.m.	Conference opening	„On the verge of PAT and ML-models (in yeast production)“	VH Presidents
10:30 a.m.	Applied research:	„KIWI Lab: Accelerating bioprocess development with HTS analytics“	TU Berlin / Kiwi Lab GER) ; Cruz Bournazou
11:00 a.m.	Clients / markets:	„On the verge of PAT & ML-models: HTS- and AI-enabled in-silico media optimisation“	Differential Bio (GER); Patz
11:30 a.m.	Production:	„Process optimization and process robustness through digitalization and digital twins“	Lisalis (AUT); Prof. Herwig
12:00 p.m.	Industry round table:	„AI as enabler PAT Bioprocess perspectives“: 1- 2 Yeast production heads, 1 PAT Supplier or Automation, 1 Academia, 1 Moderator	Furtwangen University (GER); Hass
12:30 p.m.	Lunch break		
02:00 p.m.	Clients / markets:	„Exhaust air treatment (BAT): Assess, decide, invest – the order is crucial“	Evonik (GER); Ohligschläger
02:30 p.m.	Clients / markets:	„Inline Bioprocess Monitoring by Photon Density Wave Spectroscopy“	PDW Analytics (GER); Hass
03:00 p.m.	Clients / markets:	„Single Raman spectroscopy and machine learning for phenotypic differentiation of yeasts and bacteria in mixed samples“	mibiC (GER); Vallet
03:30 p.m.	Coffee break		
03:45 p.m.	Industry view:	„BioProcessTrainer“: Advanced model based bio process operator training	s&h Ing. Ges /IB Schoop (GER) ; Appl
	Poster:	„Biotechnological production of polyphosphates in baker's yeast“	RWTH IAMB (GER); Demling
	Industry view:	„Intelligent packaging line control“	van Mourik Yeast&packaging (NED); M Visser
	Poster:	„Talk to Your Robots: Ease Liquid-Handling Automation“	Biotaix (GER); Liebal
04:15 p.m.	End of lectures		
04:40 p.m.	Visit program		
04:40 p.m.	Walk to TU Berlin FoodTec	Visit TU Berlin FoodTec Campus: 2 Groups a 20 Pax	
04:40 p.m.	Walk to „Culinarium Exhibi	Visit „Culinarium Exhibition space“: 2 Groups a 20 Pax	
06:30 p.m.	Convivial evening	„Alter Krug“ Dahlem	
10:00 p.m.	Walk to Seminaris Campus		
	End of Conference Day I		

Tuesday, 21.04.26 schedule			
Time			
09:00 a.m.	Applied research:	„BioHyMoDT_4.0 - Towards Bioprocess Development and Optimisation With Digital Twin Technologies and Hybrid Models“	Furtwangen University (GER); Hass
09:30 a.m.	Applied research:	„Online Machine Learning for prediction of non-stationary algae growth in outdoor photobioreactors“	TU Berlin (GER); Morelle ; Prof. Rauh
10:00 a.m.	Applied research:	„MIR spectroscopy for real-time inline characterisation of yeast cultures“	TUM (GER); Strachotta
10:30 a.m.	Applied research:	„Simultaneous determination of cell age and vitality of yeast populations by atline flow cytometry“	Medical University of Graz/ NanoLab (AUT); Eigenfeld, N.N
10:50 a.m.	Coffee break		
11:15 a.m.	Production:	„GEA's OptiPartner Intellicant®“	GEA Westfalia (GER); Schramm
11:35 a.m.	Production:	„Enabling real time yeast PAT, combining Ultrasonic trapping and inline spectroscopy“	usePAT (AUT); Gasser, Radel
12:00 a.m.	Poster:	„Replicative Lifespan–driven separation of industrial fermenting strains by cell age“	Medical University of Graz/ NanoLab (AUT)/ Fermentis; Dhull
	Industrie view	„blueVary reloaded“. Versatile Offline gas analysis“	BlueSens (GER), Müller
	Poster:	„ZIM project “Yeast Control”: Digital modelling and a predictive feed control in baker’s yeast fermentations”	Triad: Bluesens; Sturm / WHS Liebal / VH; Horstmann
12:45 p.m	Feedback and final remarks		VH Presidents
01:00 p.m.	Lunch break		
02:30 p.m.	End of Conference Day II		