

Time	Day 1	Day 2	Day 3	
08:00 - 08:15	Conference Registration			
08:15 - 08:30				
08:30 - 08:45				
08:45 - 09:00				
09:00 - 9.15				
09:15 - 09:30	P1 - PHA production and applications (Shunsuke Sato)	P3-Life-Cycle Engineering Biopolymers (Tim Börner)	P5- Policy & Regulation & Academia (Kevin O´ Connor)	
09:30 - 09:45				
	S1: Biopolymers production	S3: Process and Functionalization	S5: Circularity, Market & Impact	
09:45 - 10:00	K1 - Production with MMCs (Mark van Loosdrecht)	K4 - Engineering BioInspired Functional Materials from Natural Biopolymers (Auxiliadora Prieto)	K8 - TBA (Marianna Villano)	
10:00 - 10:15				
10:15 - 10:30	T1.1 - Lucie SCHNEIDER: Polyhydroxyalkanoates with controlled monomer composition and distribution for the development of medical devices	T3.1 - Liang-Shin Wang: Quality Control of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Properties by Engineering Copolymer Blends	T5.1 - Leticia Labriola: Bioplastics from the Field: Valorizing Agricultural By-Products through Sugars365	
10:30 - 10:45	T1.2 - João Carvalho: Isolation and screening for purple phototrophic bacteria with increased polyhydroxyalkanoates productivity	T3.2 - Natalia Hernández Herreros: Harnessing the Predatory Power of Bdellovibrio bacteriovorus HD100 for High-Efficiency PHA Recovery: Insights from Microbial Community Dynamics	T5.2 - Silvio Matassa: Single-Cell Protein Bioplastic Films from Recovered Nitrogen and Carbon: A Circular Approach with High Anaerobic Biodegradability	
10:45 - 11:00	T1.3 - Stanislav Obruča: Some Like It Hot: Exploring Thermophiles for PHA Biosynthesis	T3.3 - Isabel Thiele: Approaches for Efficient and Eco-Friendly PHA Recovery	T5.3 - <i>Dominique Wieland or Gunnar Spiegel</i> : From Breakdown to Biocycle: Modeling PHB depolymerization for circular use by introducing novel probability function	
11:00 - 11:15	Coffee Break and Poster Sessions	Coffee Break & Poster Sessions	Coffee Break & Poster Session	
11:15 - 11:30				
11:30 - 11:45				
11:45 - 12:00	K2 - TBA (Jochen Schmid)	K5 - Enzymatic Biodegradation of Rubber and Fossil Hydrocarbon Polymers (Dieter Jendrosseck)	K9 - Mixed microbial culture poly (3-hydroxybutyrate-co-3-hydroxyvalerate) from municipal wastewater - defining quality, dispelling myths, and dancing with the elephant in the room (Alan Werker)	
12:00 - 12:15	T1.4 - Heleen De Wever: Tunable biopolymer production from CO2 through biotechnological processes	T3.4 - Maria Batista: Films based on supercritical carbon dioxide treated polyhydroxyalkanoates-rich microbial biomass	T5.4 - Ana Rita Gomes: Biobased vs. conventional microplastics: the impact on gilthead seabream (Sparus aurata) brain health and behaviour	
12:15 - 12:30	T1.5 - Ebru Toksoy Öner: Exopolysaccharides of Polystremophilus: Adaptation to multiple extremes	T3.5 - Eva de Carvalho: Design of crosslinked networks with tunable hydrophilicity based on PHA	T5.5 - Enric Garcia Muchart: Characterization of exopolysaccharide based biostimulants obtained from agri-food by-products to enhance plant tolerance to salinity	
12:30 - 12:45	T1.6 - Lara Santolin: <i>Ralstonia eutropha</i> 's PhaR – A transcriptional factor with ambivalent role	T3.6 - Gaston Courtade: Glimpses of protein-(bio)polymer interactions (session 3)	T5.6 - Gert Hofstede: Fit-for-Purpose PHBV Production from Lignocellulosic Biomass: Coupling an Artificial Rumen and Sequencing Batch Reactor	
12:45 - 13:00	T1.7 - Karel Sedlar: Genes and Genomes coding PHA Synthases	T3.7 - Marina Rodríguez Carreiro: Adaptation of <i>Pseudomonas putida</i> KT2440 to 6-acetylthiohexanoic acid (6-ATH) and its implications in PHA metabolism	T5.7 - Sebastian Riedel: Enabling a Circular Bioeconomy: Process Innovations for PHA Bioplastics	
13:00 - 13:15	Flash Presentation (4)	Flash Presentation (3)	Lunch	
13:15 - 13:30	Lunch and poster sessions	Lunch		
13:30 - 13:45				
13:45 - 14:00				
14:00 - 14:15				
	S2: Advanced Tools on Biopolymers	S4: Biomedical and Technical applications	S6: Biopolymers degradation and recycling	
14:15 - 14:30	P2 - How biopolymer design, development and production can benefit from machine-learning (Moritz von Stosch)	P4-Polysaccharides Applications (Miguel Gama)	K10 - Degradation of Bioplastics by Mealworms (Kumar Sudesh)	
14:30 - 14:45			T6.1 - José Daniel Santos-García: Extracellular Mcl-PHA Depolymerases in <i>Pseudomonas</i> : Enzymatic Drivers of Bioplastic Degradation	
14:45 - 15:00			T6.2 - Ludovic Dulac: Monitoring microplastic generation from PHA degradation in soils using fluorescence-based detection methods	
15:00 - 15:15	K3 - Advanced Tools on Biopolymers (Manfred Zinn)	K6 - Natural Sustainable Polymers of Bacterial Origin and their biomedical applications (Ipsita Roy)	T6.3 - Daisuke Kasai: Identification and functional characterization of enzymes involved in poly(cis-1,4-isoprene) degradation in <i>Rhodococcus</i>)	
15:15 - 15:30			T6.4 - Laura Eugenio Martinez: Cracking bioplastics: reprogramming PHA depolymerases for a greener future	
15:30 - 15:45	T2.1 - José Pinto: Deep hybrid modelling and control of microbiome evolution	T4.1 - Arooj Fatima: Transforming bacterial cellulose into microparticles for biomedical applications.	T6.5 - Rodrigo Andler: Improving degradation yields of poly(cis-1,4-isoprene) rubber: A study of the enzymatic kinetics of Latex clearing protein	
15:45 - 16:00	T2.2 - Kaisa Peltonen: Towards modelling aided accelerated PHA material design	T4.2 - Petr Sedláček: Biofertilizers Reinvented: When Plant Growth-Promoting Bacteria Build Their Own Fertilizer Capsule	Best oral and Best Poster presentation Prizes & Closure Session	
16:00 - 16:15	T2.3 - Lionel Nguemna Tayou: NOVEL continuous multi-reactors approach for Polyhydroxyalkanoates production with mixed microbial cultures	T4.3 - Diana Araújo: Dissolving microneedle arrays technology for efficient and painless drug delivery		
16:15 - 16:30	Coffee Break & Poster Sessions	Coffee Break & Poster Sessions		
16:30 - 16:45				
16:45 - 17:00	T2.4 - Pauline Gravermann: Engineering of <i>Pseudomonas fluorescens</i> SBW25 towards efficient production of tailored alginates		K7 - 'Shaping Up' Bacterial Biopolymers for Biomedical and Food Applications (Jasmina Nikodinovic-Runic)	
17:00 - 17:15	T2.5 - Nina Scheler: Upcycling Depolymerised Plastic Fractions: Novel Bioprocesses for Biopolymer Production using <i>Pseudomonas putida</i>			
17:15 - 17:30	T2.6 - Eva Gonzalez-Flo: High-Throughput screening of cyanobacterial PHB production using fluorescence-based detection		T4.4 - Maria Eduarda Ribeiro: Polyhydroxyalkanoate: tailoring electrospun membrane for skin repair	
17:30 - 17:45	T2.7 - Luca Bernabò: Poly-β-hydroxybutyrate Production from Bread Waste via Sequential Dark Fermentation and Photofermentation		T4.5 - Yuemei Lin: Enrichment and application of bacterial sialic acids containing polymers from the extracellular polymeric substances of "Candidatus accumulibacter"	
17:45 - 18:00	Flash Presentation (4)		T4.6 - Virginia Rivero Buceta: Tailoring double-shelled hollow microparticles from polyester-modified bacterial cellulose for efficient microbial encapsulation and release	
18:00 - 18:15	Welcome Drink		T4.7 - Didem Aycan: Chitosan/Carboxymethyl Cellulose Aerogets for Controlled Release Applications in Inflammatory Bowel Disease Treatment	
18:15 - 18:30			Flash Presentation (4)	
18:30 - 18:45			Transport to Dinner venue	
18:45 - 19:00				
19:00 - 21				
19:15 - 19:30	Dinner at Páteo Velho			
19:30 - 19:45				
19:45 - 20:00				
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20:45 - 21:00				