

Day 1: 11 September 2024		
12:15-13:00	Registration small snack	
13:00-13:15	Opening speech: Burak Eral	
Session 1: Fundamentals Chair: Herman Kramer		
Time	Title	Speaker
13:15-13:40	Probing the nature of the crystal-solution boundary layer: an experimental campaign studying secondary nucleation from nuclei breeding	L. de Vrieze
13:40-14:05	Enantiopurity by directed evolution of crystallization behaviour and non-equilibrium conditions	C. Pinetre
14:05-14:30	Feasibility of Data-Driven Models to Predict Crystallisation Induction Time	M.K. Mandaza
14:30-14:55	The deployment of 2D population balance modelling to optimise particle processability in pharmaceutical crystallisation processes	O.L. Watson
14:55-15:20	Sponsors video Soundbites (6)	
15:20-15:50	Break Poster Session	

Session 2: Fundamentals Chair: Peter Daudey		
Time	Title	Speaker
15:50-16:15	Crystallization kinetics of full-length monoclonal antibodies across varying scales	J. Ferreira
16:15-16:40	Crystal Growth and Dissolution Behavior Throughout Temperature Cycle Induced Deracemization	J. Maeda
16:40-17:05	New insights into the solubilization of multicomponent crystals: a case study of pipemidic acid	C. Wu
17:05-17:30	In-Situ Studies of Crystallization and filtration processes using time-resolved synchrotron based X-Ray Phase Contrast Imaging (XPCI)	O.V. Towns
17:30-19:00	Welcome Gathering fingerfood and drinks Poster Session	

Day 2: 12 September 2024		
08:30-09:00	Arrival	
Session 3: Industrial Crystallization & Process Engineering Chair: Hugo Meekes		
Time	Title	Speaker
09:00-09:25	Understanding the Effect of Screw Design on Continuous Particle Isolation Performance within the Continuous Vacuum Screw Filter	M. Meier
09:25-09:50	A novel pilot-scale crystallizer for the production of Mg(OH) ₂ compound from salt solutions	G. Battaglia
09:50-10:15	Integration of Deep Learning and 3D CFD-PBM Model for Characterizing Mg(OH) ₂ Precipitation	D. Marchisio
10:15-10:40	Impact of Foreign Species on Crystallization: Process Design and Monitoring	S. Trespi
10:40-11:10	Break Poster Session	

Session 4: Industrial Crystallization & Process Engineering Chair: Rob Geertman		
Time	Title	Speaker
11:10-11:35	Agglomerated Crystallization of Medium-Chain Organic Acids Salts	L. Codan
11:35-12:00	Crystallization Process with Solid Form Control for Integrated Continuous Drug Substance Manufacturing	T. Stelzer
12:00-12:15	COST action by Ivo Rietveld	
12:15-14:00	Lunch Poster Session	

Session 5: Sustainability Chair: Ivo Rietveld		
Time	Title	Speaker
14:00-14:25	Process Development for Recovery of Lithium Carbonate from a Battery Recycling Process	S. Musholt
14:25-14:50	Control over sodium sulfate hydrates formation upon temperature cycling for sustainable thermal energy storage	A. Claude
14:50-15:15	Using CO2 to precipitate MnCO3 for a lithium-ion battery precursor	A.E. Lewis
15:15-15:40	Simultaneous and Sequential Precipitation from Lithium-Ion Batteries (LIBs) Recycling Process	A. Mazur
15:40-16:30	Break and boarding (boat tour) at the Brabantse Turfmarkt (near venue) or walk to football (or take public transport) (± 30m)	
16:30-17:30	Boat Tour or Football	
19:00-22:00	Dinner doors open at 19:00h, start serving from 19:30h	

Day 3: 13 September 2024		
09:00-09:30	Arrival	
Session 6: Sustainability Chair: Thorsten Stelzer		
Time	Title	Speaker
09:30-09:55	Towards sustainability in industry: PET recycling approaches on an industrial scale	L. Marc
09:55-10:20	Potential of Eutectic Freeze Crystallization for Lithium-Containing Boron Extraction Waste Stream	F.E. Genceli Güner
10:20-10:45	A new take on caking and anticaking agents for NaCl	D.G. Dumitrescu
10:45-11:20	Break Poster Session	

Session 7: Fundamentals Chair: Sônia Denise Ferreira Rocha		
Time	Title	Speaker
11:20-11:45	Continuous production of single enantiomers by coupling enantioselective fluidized bed crystallization with enzymatic racemization	K. Oliynyk
11:45-12:10	Importance of Seed Design to Crystallization-Induced Deracemizations	S.W. van Dongen
12:10-12:30	Closing & Award Ceremony lunch with to-go boxes	

