

Draft Agenda – Version 28.02.2024

9:30 am	Arrival at the Venue	
9:40 am	Seating	
10:00 am	Musical Interlude	
10:10 am	Time Crystals	Manfred Bayer <i>Rector TU Dortmund University</i>
10:30 am	A Special Pair-Correlation Function	Sabine Enders <i>KIT</i>
10:50 am	Role of Fundamentals in the Design of New Hybrid Processes for CO ₂ Capture	Ferruccio Doghieri <i>University of Bologna</i>
11:10 am	Combining Thermodynamics with Machine Learning: Towards Property Prediction and Product Design	Yuanhui Ji <i>Southeast University China</i>
11:30 am	Coffee	
12:00 noon	Hot Topics in Amorphous Drug Research	Thomas Rades <i>University of Copenhagen</i>
12:20 pm	Challenges in Utilization of Renewable Carbon Sources for Chemistry	Feely Rüther <i>BASF</i>
12:40 pm	Science Manager Gabi Sadowski	Ursula Gather <i>Alfried Krupp von Bohlen und Halbach-Stiftung</i>
1:00 pm	Lunch	
2:30 pm	White Hydrogen - from Thermodynamics towards a Process Concept	Andreas Schmid <i>UFZ Leipzig</i>
2:50 pm	From Atoms and Molecules to Materials: Design of Novel Membranes for Gas Separation	Ioannis Economou <i>Texas A&M University at Qatar</i>
3:10 pm	Some Fundamentals and Applications of Crystallizing Pharmaceutical Organic Molecules	Sarah Hudson <i>University of Limerick</i>
3:30 pm	Old and New Topics in Thermodynamics of Complex Fluids	Walter Chapman <i>Rice University</i>
3:50 pm	Closing Remarks & Farewell	Stephan Lütz <i>Department of BCI</i>
4:00 pm	End of Symposium	