



Program Overview

	Sunday, 18.09.2022	Monday, 19.09.2022	Tuesday, 20.09.2022	Wednesday, 21.09.2022
08:30 AM		Opening	Beng Hau Tan "How surface nanobubbles survive: from experiments to theory"	Wei Wang "Imaging Single Surface Nanobubbles with Advanced Optical Microscopy"
		Stephan D. Evans "Lipid Coated Nanobubbles as Theragnostic Agents: from Theory to Application"		
09:00 AM		Nanobubbles Production I	Fundamentals and Theory of Nanobubbles II	Nucleation
10:00 AM		Coffee Break	Coffee Break	Coffee Break
		Hans-Jürgen Butt "Interaction of drops and bubbles with nano- and microstructured surfaces"	Detlef Lohse "Physicochemical hydrodynamics of a plasmonic bubble in a binary liquid: Nucleation and bouncing"	Applications: Biology and Medicine II
11:00 AM				
		Nanobubbles Production II	Applications: Biology and Medicine I	Lunch
12:00 AM				
		Lunch	Lunch	Applications in Engineering and Process Techniques II
01:00 PM				
		Molecular Dynamics	Measurement of Nanobubbles: Methods & Techniques	Coffee Break
02:00 PM				
		Verasonics Coffee Break	Coffee Break	Nano- and Microdroplets and Microbubbles
03:00 PM				
		Xuehua Zhang "Formation and Location of H ₂ Microbubbles from a Surface Nanodroplet Reaction"	Valeria Molinero "Electrochemically Generated Nanobubbles"	Closing
04:00 PM				
		Fundamentals and Theory of Nanobubbles I	Applications in Engineering and Process Techniques I	
05:00 PM	Welcoming Reception			
		Postersession	Group Photo	
06:00 PM				
07:00 PM			Galadinner (Haus des Handwerks)	

Social program: 15 €

Monday, 19.09.2022
2:00 PM

Visit of the Magdeburg Cathedral and "Green Citadel" (Hundertwasserhaus), Meeting point is in front of the Mark Fortress at 1.15 PM or at the north entrance of the cathedral (Domplatz) at 2:00 PM

For registered persons