

Time (CEST)	Time (EDT)	Time (CST)	Time (GMT+8)	Time (GMT+11)	Duration	Title	Affiliation
09:00	03:00	15:00	17:00	20:00	15 min	WELCOME Thoralf Niendorf, Min-Chi Ku, Berlin, Germany	
						KEYNOTE LECTURE	
09:10	03:10	15:10	17:10	20:10	15 min + 5 min	Seeing the Unseen: Magnetic Resonance Imaging at 10.5 T SCIENTIFIC SESSION I chair: Jutta Ellermann, Minneapolis, USA Min-Chi Ku, Berlin, Germany	Kamil Ugurbil, University of Minnesota, Minneapolis, USA
						GETTING TO THE HEART OF THE MATTER: CLINICAL NEEDS AND RESEARCH PROMISES OF CARDIOVASCULAR, BODY AND METABOLIC MR	
09:40	03:40	15:40	17:40	20:40	15 min + 5 min	Taking the Strain: Assessment of Myocardial Fiber Function at 7.0 T and 3.0 T	Siqin Liu, Max Delbrück Center for Molecular Medicine, Berlin, Germany
10:00	04:00	16:00	18:00	21:00	15 min + 5 min	UHF Clinical Imaging Outside the Brain with 5T MRI Insights from the German National Cohort: Native T1 Mapping of the Heart Reveals Associations with Sex, Age and Cardiometabolic Risk Factors	Yongquan Ye, MR R&C United Imaging Healthcare Europe
10:20	04:20	16:20	18:20	21:20	15 min + 5 min	Magnetic Resonance Spectroscopy Applications in Diabetes Research	Clemens Ammann, Charite'-Universitätsmedizin, Berlin, Germany
10:40	04:40	16:40	18:40	21:40	15 min + 5 min	Poster Power Session (3 x 3 min)	Vera Schrauwen-Hinderling, German Diabetes Center (DDZ), Düsseldorf, Germany
11:00	05:00	17:00	19:00	22:00	10 min		
11:10	05:10	17:10	19:10	22:10	15 min	PANEL DISCUSSION: CARDIAC AND BODY MRI at UHF	
11:25	05:25	17:25	19:25	22:25	20 min	COFFEE BREAK / RELAXATION WITH LIVE MUSIC	
						SCIENTIFIC SESSION II chair: Bruno Quesson, Bordeaux, France Sonia Waiczies, Berlin, Germany	
						GETTING TO THE MATTER OF THE BRAIN: CLINCIAL NEEDS AND RESEARCH PROMISES FOR NEUROVASCULAR UHF-MR AND RELATED FIELDS Looking for Central Vein Signs: Simultaneous T2, T2*, and R2' Mapping for Multiple Sclerosis Using Nonlinear Model-Based Reconstruction	
11:45	05:45	17:45	19:45	22:45	15 min + 5 min	Artificial Intelligence in Brain MRI: Insights into Depression, Anxiety, and Alcohol Use from the German National Cohort Hot or Cold fMRI at 7.0 T: Thermal Signal Processing in the Insular Cortex Follows Architectural Principles	Jose Raul Velasquez Vides, Max Delbrück Center for Molecular Medicine, Berlin, Germany Julius Wiegert, Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University, Mannheim, Germany
12:05	06:05	18:05	20:05	23:05	15 min + 5 min	Mapping Brain Microstructure Beyond the Human Brain: Diffusion UHF-MRI of Living Cortical Organoids	Henning Reimann, Northeastern University, Boston, MA, USA
12:25	06:25	18:25	20:25	23:25	15 min + 5 min	Poster Power Session (3 x 3 min)	Tatiana Nikolaeva, University Medical Center Utrecht, The Netherlands
12:45	06:45	18:45	20:45	23:45	15 min + 5 min		
13:05	07:05	19:05	21:05	00:05	10 min		
13:15	07:15	19:15	21:15	00:15	15 min	PANEL DISCUSSION: BRAIN MRI AT UHF	
13:30	07:30	19:30	21:30	00:30	45 min	LUNCH BREAK / BREAKFAST BREAK	
						SCIENTIFIC SESSION III chair: Vera Schrauwen-Hinderling, Düsseldorf, Germany Jason Millward, Berlin, Germany	
						TRANSLATIONAL RESEARCH: FROM BLUE SKY EXPLORATIONS EN ROUTE TO CLINICAL APPLICATIONS	
14:15	08:15	20:15	22:15	01:15	15 min + 5 min	Sea to Summit: Progress in Preclinical MR at Ultrahigh and Extreme Magnetic Fields	Tim Wokrina, Bruker Biospin MRI GmbH, Ettlingen, Germany
14:35	08:35	20:35	22:35	01:35	15 min + 5 min	Unmasking Brain Fluid Dynamics under Awake Conditions: The Path to Translation	Ryszard Gomółka, University of Copenhagen, Denmark
14:55	08:55	20:55	22:55	01:55	15 min + 5 min	Integrative Ecophysiology: MRI and MRS in View of Climate Change	Christian Bock, Alfred Wegner Institute, Bremerhaven, Germany
15:15	09:15	21:15	23:15	02:15	15 min + 5 min	Guardian of the Body's Inner Ocean: Probing the Tubule System with Quantitative MRI from Experimental Models to Humans	Ehsan Tasbihi, Max Delbrück Center for Molecular Medicine, Berlin, Germany
15:35	09:35	21:35	23:35	02:35	15 min + 5 min	New Frontiers in Spectroscopy: From Optimal Control to Quantitative Metabolic Imaging	Clemens Diwok, University of Graz, Austria
15:55	09:55	21:55	23:55	02:55	10 min	Poster Power Session (3 x 3 min)	
16:05	10:05	22:05	00:05	03:05	15 min	PANEL DISCUSSION: TRANSLATIONAL MRI at UHF	
16:20	10:20	22:20	00:20	03:20	25 min	COFFEE BREAK / RELAXATION WITH LIVE MUSIC	
						SCIENTIFIC SESSION IV chair: Wulf-Ingo Jung, Ettlingen, Germany Sonia Waiczies, Berlin, Germany	
						LOOKING AT THE HORIZON The Invisible Heat, Revealed: Ultrafast MR Thermometry for Monitoring of Thermal Therapy	Bruno Quesson, University of Bordeaux, France
16:45	10:45	22:45	00:45	03:45	15 min + 5 min	Beyond: Metamaterial Antennas Enhance MRI of the Eye and Brain at 7.0 T	Thoralf Niendorf, Max Delbrück Center for Molecular Medicine, Berlin, Germany
17:05	11:05	23:05	01:05	04:05	15 min + 5 min	From Physics to Learning: Trustworthy AI as a bridge in Quantitative MRI	Xinqi Li, Max Delbrück Center for Molecular Medicine, Berlin, Germany
17:25	11:25	23:25	01:25	04:25	15 min + 5 min	Nova Terra: Progress in Clinical Ultrahigh Field MRI at 7.0 T	
17:45	11:45	23:45	01:45	04:45	15 min	PANEL DISCUSSION: FUTURE of UHF MRI	Siemens, Erlangen, Germany
18:05	12:05	00:05	02:05	05:05	15 min		
18:20	12:20	00:20	02:20	05:20	5 min	AWARDS & ADJOURN	