



Imaging Pushing the limits

4. Juli 2016
Hamburg // Hotel Baseler Hof

PROGRAMM

09:30	Begrüßung	Regine Willumeit-Römer , HZG, Geesthacht
09:45	X-Ray	Bert Müller , Uni Basel, Basel CH High-resolution X-ray imaging of human tissues
10:15	Reconstruction	Jörg Hammel + Marc Thiry , HZG, Hamburg SR μ CT as a tool in biomedical research to characterize degradable metal implants
10:45	X-Ray	Martin Stauber , SCANCO, Bruettisellen CH Micro-Computed Tomography: Applications Driving Developments
11:15	X-Ray	Lena Sonnow , MHH, Hannover Radiologic appearance of a biodegradable magnesium screw in patients with distal metatarsal osteotomy
11:45	Proteomics	Hartmut Schlüter , UKE, Hamburg Imaging with MALDI mass spectrometry
12:15	Mittag und Gelegenheit zur Posterbegehung	
13:30	Fluoreszenzimaging	Oula Peñate Medina , MOIN CC, Kiel Optical Infection and inflammation imaging utilizing hybrid nanoparticles
14:00	OCT	Robert Huber , BMO, Lübeck Most recent developments in biomedical optics
14:30	Photoacoustic	Magdalena Steiner , VisualSonics Inc., Amsterdam, NL High frequency ultrasound and photoacoustic Imaging: 'Bench-to-Bedside'
15:00	Pause und Gelegenheit zur Posterbegehung	
15:30	Multimodal	Jens Pietzsch , HZDR, Dresden Tissue Response and Degradation of Biomaterials In Vivo: Insights from Multimodal Small Animal Imaging Experiments
16:00	MR	Susann Boretius , Uni Göttingen, Göttingen Challenges and chances of MRI in development of innovative metallic biomaterials
16:30	MR	Wolfgang Dreher , Uni Bremen, Bremen Localized Proton NMR Spectroscopy in Inhomogeneous Magnetic Fields
17:00	MR	Thoralf Niendorf , MRI.Tools GmbH, Berlin Assessment of Magnetic Resonance Safety and Compatibility of Passively Conducting Implants
17:30	MR	Martin Meier , MHH, Hannover Effects of RF and static field inhomogeneities – no way out?
18:00	Ausklang	mit Sekt und Orangensaft, gesponsert durch „Baltic TRAM“, kofinanziert durch das EU-Interreg Baltic Sea Region Programm