

BIOQIC Days 2021 - Final Program – Inselhotel Potsdam

Please note: Proof of Covid 19 vaccination, cure or negative test is mandatory to be admitted to the BIOQIC Days. You must also wear a medical mask and keep at least 1.5m distance.

Thursday, October 28

9:00-9:15	Arrival	
9:15-9:30	Welcome and introduction	
Session 1		
Chair: Katja Degenhardt, Co-chair: Jakob Jordan		
Time	Name	Project title
09:30-9:50	Chiara Manini	Multimodal Quantitative Cardiac Valve Imaging
9:50-10:10	Felix Krüger	Quantification and characterization of cardiac fat infiltration using ultra-high magnetic fields
10:10-10:30	Sherine Brahma	Uncertainty assessment of machine learning for cardiac MR parameter mapping
10:30-11:00	Coffee break	
11:00-11:20	Simone Hufnagel	Motion-corrected 3D high-resolution cardiac T1-mapping
11:20-11:40	Matthias Anders	Multiparametric cardiac MR with real-time viscoelasticity quantification
11:40-12:00	Yasmine Safraou	Quantification of the biophysical properties of the liver in correlation with microstructural and vascular changes using multimodal imaging
12:00-13:00	Lunch (Restaurant)	
Session 2		
Chair: Simone Hufnagel, Co-chair: Tom Meyer		
Time	Name	Project title
13:00-13:20	David Hernandez	MRI-based thermometry with hyperpolarized xenon for optimized CEST MRI
13:20-13:40	Jakob Jordan	Multimodal microscopic elastography by optical methods and MRI
13:40-14:00	Guilhem Claude	m-Terphenyl isocyanide complexes for myocardial imaging
14:00-14:30	Coffee break	
14:30-14:50	Katja Degenhardt	Development of a 4D flow acquisition technique for accurate whole heart velocity quantification at 7 Tesla
14:50-15:10	Bernhard Föllmer	Automated quantification of the configuration and composition of calcified coronary artery plaques towards assessment of plaque mechanics
15:10-15:30	Federico Biavati	Coronary calcium score quantification as a predictor of cardiovascular risk
15:30-16:00	Coffee break	
Session 3		
Chair: Matthias Anders, Co-chair: Yasmine Safraou		
16:00-16:20	Thomas Hadler	Automated assessment of quantification precision of myocardial micro structure in cardiovascular magnetic resonance to allow quality control

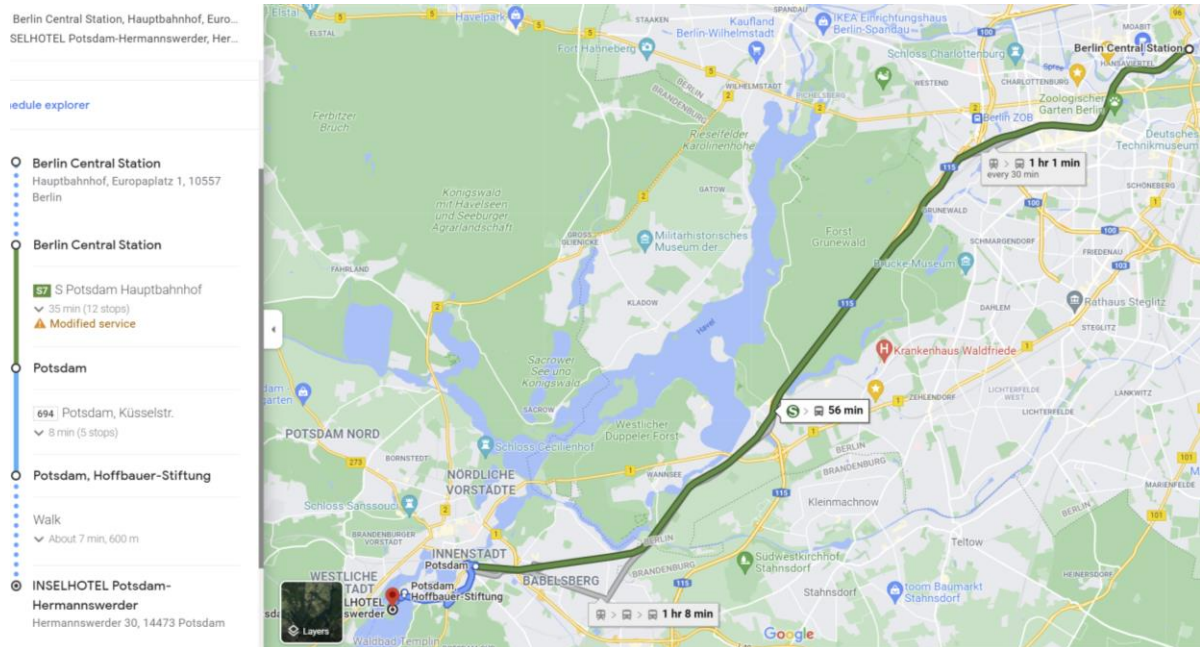
16:20-16:40	Tom Meyer	Ultrasound elastography of the heart towards imaging-based quantification of cardiac pressure
16:40-17:00	Coffee break	
17:00-18:00	Free time	
18:00-19:00	Dinner (Restaurant)	
19:00-20:00	After dinner talk by Prof. Markus Antonietti, Max Planck Institute of Colloids and Interfaces, Potsdam	
20:00-22:00	Distanced get-together, music by “Roy Wilde & Golda Heart”	

Friday, October 29

9:00-9:15	Welcome and introduction	
Session 4		
Chair: Guilhem Claude, Co-chair: Felix Krüger		
Time	Name	Project title
09:15-09:35	Mahmoud Mohamed	Harnessing Patient Clinical Data and Non-invasive Cardiac Imaging in the Diagnosis of MI
09:35-9:55	Eser Isler	High Risk Plaque Features in Coronary Artery Plaques of DISCHARGE Trial
9:55-10:15	Carola Fischer	Background phase correction in phase-contrast MRI using MSAC
10:15-10:45	Coffee break	
10:45-11:05	Mahsa Salimi Majd	Muscle stiffness quantified by tomoelastography in patients with tendinopathy
11:05-11:25	Lin Yang	Optical properties estimation in brain with extreme-low photon counts
11:25-12:00	Discussion and feedback	
12:00-13:00	Lunch (Restaurant)	
13:30-16:30	Boat tour – depart from the dock of the Inselhotel Potsdam	
From 16:30	Arrival at harbor Lange Brücke, departure from Potsdam CS	

Directions to the hotel:

From Berlin Hbf -> **S7** or **RE** to Potsdam Hbf -> **Bus # 694** to Potsdam (every 20 minutes), Hoffbauer-Stiftung, **walk** along Hermannswerder Str. about 7 min (600 m) to Inselhotel Potsdam. Follow the signs to the hotel.



Walk from bus stop to hotel:

