

8th BIOQIC Days – 12./13.09.2024 at Kloster Lehnin

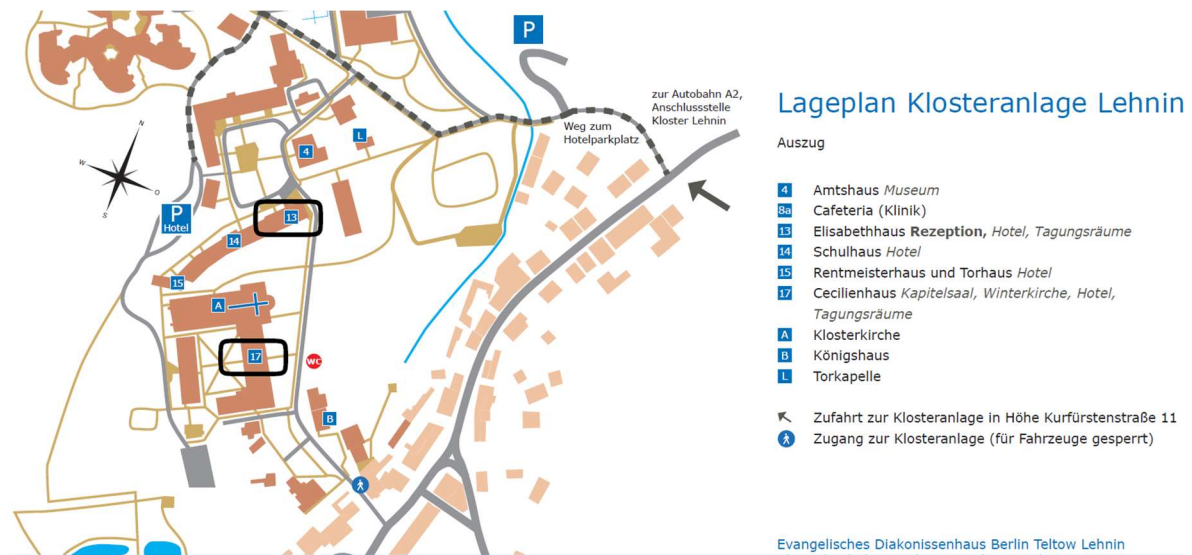
08:14 Berlin Hbf, RE 7 (3713), Group Ticket, Change in Beelitz Heilstetten, 09:08 Bus 645; 09:32 Kloster Lehnin, Bus station

Program: Thursday, 12.09.2024:

		Travel and arrival, moving into the rooms, coffee and meeting at the Kapitelsaal	
	10:00-10:10	Ingolf Sack, Kristina Pavićević: Welcome and introduction	
	10:00 Session 1 Moderation: Punita Bhardwaj, Pheline Reisdorf		
	Time	Name	Project title
1	10:10-10:30	Mara Guastini	Deep learning model for 2D cardiac motion correction
2	10:30-10:50	Stefan Martin	MRE image reconstruction using neural networks-based regularization
3	10:50-11:10	Johannes Hammacher	Spiral data acquisition for accelerated CEST MRI
4	11:10-11:30	Hinrich Rahlfs	Learning 3D vessel-tree segmentation from sparse annotations
5	11:30-11:50	Moritz Piening	Synthesizing thermal images for facial landmarking
	11:50 Moderation, Summary		
	12:00-13:00	Lunch break	
	13:00 Session 2 Moderation: Mara Guastini, Johannes Hammacher		
6	13:05-13:25	Noah Jaitner	Non-invasive quantification of portal pressure by combined measurement of volumetric strain and stiffness of in-vivo human liver
7	13:25-13:45	Stefan Klemmer	In silico validation of cardiac time-harmonic elastography
8	13:45-14:05	Jakob Schattenfroh	Wideband MRE of the brain and the liver
9	14:05-14:25	Oliver Böhm	Micromechanical characterization of tissues and phantoms via AFM and ttMRE
10	14:25-14:45	Niklas Himburg	MR fingerprinting (MRF) for ultra-high field (UHF) relaxometry

14:45 Moderation, Summary			
	14:55-15:25	Coffee break	
11	15:30-15:50	Punita Bhardwaj	Gold radiopharmaceuticals as theranostics in nuclear medicine
12	15:50-16:10	Philine Reisdorf	Lumos - a multi-level multi-reader comparison software for scar quantification
13	16:10-16:30	Mahmoud Mohamed	DISCHARGE PTP-calculator, development and validation
14	16:30-16:50	Kenrick Schulze	Multimodal coronary plaque quantification using CT
16:50 Moderation, Summary			
		Short break	
	17:05-18:00	Prof. Sebastian Weingärtner Delft Univers. of Technology	Career talk: science and perspective
	18:00-18:45	Evening buffet	
	19:00	Group-building community project at Lake Lehnin	
	20:30 / 21:00	Group-building acoustic program	
 Program: Friday, 13.09.2024 			
	07:30-08:30	Flexibilisation of the muscular system	With Sarah Thonke
	8:00-09:20	Breakfast	
09:30 Session 3 Moderation: Hinrich Rahlfs, x			
	09:30-10:00	Thomas Hadler	Lazy luna - application for doctors
	10:00-10:30	Tom Meyer	BIOQIC server 2.0
	10:30-11:00	Jakob Jordan	Bringing OMTHE to market
	11:00-11:30	Patrick Schünke	MRpro: MRI reconstruction and processing package developed for PyTorch
11:30 Moderation, Summary			
	12:00-12:45	Lunch	
	13:30-16:00	Group-building community project at Lake Lehnin	
	ca. 17:00-18:15	Travel back to Berlin, Central Station	

MAP:



Address: Kloster Lehnin, Klosterkirchplatz 13, 14797 Kloster Lehnin

Meeting Point: Kapitelsaal (17)

Key issue for the rooms: Rezeption (13)