

Time	Day 1 - Monday 10 October	Day 2 - Tuesday 11 October	Day 3 - Wednesday 12 October	Day 4 - Thursday 13 October
09:00 - 09:45	Welcome, practical details, speaker intro (CL & RS)	Hyperpolarisation rotations, Large animal experiments, Matlab, data analysis	Hyperpolarisation rotations, Large animal experiments, Matlab, data analysis	Advanced acquisition strategies (JWG)
9:45-10:30	Introduction to MR, general overview (SR)			Artefacts (RFS)
10:30-11:00	coffee break	coffee break	coffee break	coffee break
11:00-11:45	Introductory round (1-2 min from each participant)			MNS Hardware and Coils (JMW)
11:45-12:30	Running a hyperpolarised MR exam: MRSI, physics, constraints, prescan (JL)			Considerations for Human experiments (CL)
12:30-13:30	lunch	lunch	lunch	lunch (45 minutes)
13:30-14:15	Introduction to d-DNP (JHAL)			Alternatives to imaging in vivo (LBB) 13.15-13.45 Course evaluation and farewell 13.45-14.15
14:15-15:00	Reconstruction methods: gridding, parallel imaging, SVD (MF)			
15:00-15:30	coffee break	Walk to GUESTapart coffee break	Walk to GUESTapart - coffee break	
15:30-16:15	Postprocessing techniques: fitting, metabolic modelling, denoising (JWG)	Introduction to SEOP (GN)	DNP Data Synthesis and Optimal Inference (MF) 15.15-16.00	
16:15-17:00	Imaging strategies: sequences and trajectories (RFS)	Imaging considerations for 129Xe MRI (JMW)	Panel discussion: challenges and future of hyperpolarised MR 16.00-16.45	
17:00-18:00	Meet the Experts session		Walk to Letbanen – Letbane departure 17.08.	
18:00-20:00	Dinner at hotel GUESTapart	Dinner at hotel GUESTapart	Guided tour and dinner at AROS Aarhus Art Museum Starting at 17:45	

Lectures	
Practical sessions	
Event	