



open
source
imaging

OSI² ONE Build Workshop

22nd of September, 2023

Berlin / online



- learn how to build, use and fix the open source MRI scanner OSI² ONE
- meet the minds behind the projects
- get insights from behind the scenes
- join the development

Time (UTC+2)	Session
08:00 - 09:00	Opening
09:30 - 10:30	Magnet Main Magnet Construction Passive B ₀ Shimming
10:45 - 11:45	Amplifier Gradient Amplifier RF Power Amplifier
13:00 - 14:00	Gradient Coils Gradient Coil Simulations - CoilGen Gradient Coil Construction and Mounting
14:00 - 15:00	RF chain RF Coils TR Switches and Preamps
15:15 - 17:15	Console Red Pitaya and OCRA1 MaRCoS Scanhub PyPulseq
17:15 - 17:45	Portability and Power Management
17:45 - 18:00	Wrap-up & Closing



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