

Recon 2.0 and Data Handling Course for Philips MRI Platform

Zurich, Switzerland

Targeting scientists with basic programming skills, this 4-day course provides background knowledge and hands-on experience with modifying and expanding the Recon 2.0 reconstruction software on the Philips MRI platform. Various additional data handling topics complement the course program: structure and handling of imaging and spectroscopy data file formats, recon and recon control parameters, data anonymization, and image post-processing using the PRIDE platform

Monday:

- Introduction of system architecture
- Recon and recon control parameters
- Standard file formats Imaging and Spectroscopy
- Image conversion tools
- Image post-processing using the PRIDE platform
- Data anonymization

Tuesday:

- Overview image reconstruction techniques
- C++ refresher
- Introduction Recon 2.0, recon graph framework
- Protocol definition scripts
- Protocol parameters
- Recon 2.0 nodes
- Exercise: Creating a image shift node

Wednesday:

- Graph path and synchronization
- Existing reconstruction graphs
- Library functions and usage
- Exercise: Recon 2.0 project (part I)

Thursday:

- Recon deployment on scanner
- Recon interfacing and data export
- Exercise: Recon 2.0 project (part II)

Course fee: 2300 EUR

Course dates

and registration: online at www.gyrotools.com

