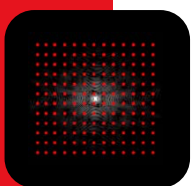# Recon 2.0 and Data Handling Course
for Philips MRI Platform

Zurich, Switzerland

Targeting scientists with basic programing skills, this 3-days 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
- Data anonymization
- C++ refresher
- Introduction Recon 2.0, recon graph framework

Tuesday:
- Overview image reconstruction techniques
- Protocol parameters
- Recon 2.0 nodes
- Exercise: Creating a image shift node
- Protocol definition scripts
- Exercise: Recon 2.0 project (part I)

Wednesday:
- Graph path and synchronization
- Existing reconstruction graphs
- Library functions and usage
- Recon deployment on scanner
- Recon interfacing and data export
- Exercise: Recon 2.0 project (part II)

Course fee: 1900 EUR

Course dates
and registration: online at www.gyrotools.com