

AFNI+TORTOISE DTI Day (NIH, October 22, 2018)

- 08:15 - 08:30 Registration
- 08:30 - 08:50 Diffusion tensor imaging (DTI) acquisition tips and tricks
Joelle Sarlls
- 08:50 - 09:40 General considerations on the diffusion processing pipeline:
- The advantages of a good processing pipeline
- Concept of artifacts and artifact remediation
- Diffusion consequences of EPI distortions
Carlo Pierpaoli
- 09:40 - 10:00 **Q&A and break**
- 10:00 - 11:10 DIFFPREP & DRBUDDI & *new* TORTOISE website/forum
M. Okan Irfanoglu
- 11:10 - 11:45 Preparing data for TORTOISE usage
- reorientation of anatomical reference
- preprocessing QC
Quality assessment of post processed data
Amritha Nayak
- 11:45 - 13:00 **Lunch**
- 13:00 - 13:25 Overview of DIFFCALC
Carlo Pierpaoli
- 13:25 - 13:35 Overview of DRTAMAS
M. Okan Irfanoglu
- 13:35 - 15:10 Introduction to FATCAT
Paul Taylor
- 15:10 - 15:30 **break**
- 15:30 - 17:15 FATCAT hands-on (with AFNI and SUMA)
Paul Taylor