

AFNI+TORTOISE DTI Day (NIH, Oct. 22, 2018)
Clinical Center (Bldg 10), FAES Rooms 4-5

08:20 - 08:30 **Sign-in and introduction**

08:30 - 08:50 **Diffusion tensor imaging (DTI) acquisition
tips and tricks**
Joelle Sarlls

08:50 - 09:50 **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

09:50 - 10:00 **Q & A**

10:00 - 10:20 Break

10:20 - 10:40 **Preparing an anatomical image for EPI distortion
correction and reorientation of final image**
Amritha Nayak

10:40 - 11:50 **DIFFPREP & DRBUDDI**
M. Okan Irfanoglu

11:50 - 12:00 **Quality assessment**
Amritha Nayak

12:00 - 13:00 Lunch

13:00 - 13:30 **Overview of DIFFCALC**
Carlo Pierpaoli

13:30 - 13:45 **Overview of DRTAMAS**
M. Okan Irfanoglu

13:45 - 15:10
(with minibreak) **Introduction to FATCAT**
Paul Taylor

15:30 - 17:15
(with minibreak) **FATCAT hands-on (with AFNI and SUMA)**
Paul Taylor