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

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