AFNI+TORTOISE DTI Day (Friday, April 3, 2020)
NIH main campus: Build 45 (Natcher), Room A/B (basement)

08:15 - 08:30   **Setup --** *please arrive **before** 8:30, so we keep on track (or on tract)!*

08:30 - 09:20   **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
Joelle Sarlls

09:20 - 09:40   **Diffusion tensor imaging (DTI) acquisition tips and tricks**
Joelle Sarlls

09:40 - 10:00   Q&A and break

10:00 - 11:10   **DIFFPREP & DR-BUDDI**
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**
M. Okan Irfanoglu

13:25 - 13:35   **Overview of DR-TAMAS**
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