AFNI+TORTOISE DTI Day (March 27, 2019)
NIH main campus, Building 45 (Natcher), Room C1/2

08:30 – 09:30   **Introduction to DTI and FATCAT**
                       Paul Taylor

09:30 – 09:45   break

09:45 – 10:40   **FATCAT hands-on (with AFNI and SUMA)**
                       Paul Taylor

10:40 - 10:55   break

10:55 – 11:50   **More FATCAT hands-on and processing**
                       Paul Taylor

11:50 - 13:00   Lunch

13:00 - 13:25   **Diffusion tensor imaging (DTI) acquisition**
                       tips and tricks
                       Joelle Sarlls

13:25 - 14:20   **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
                       Carlo Pierpaoli

14:20 - 14:30   Q&A and break

14:30 - 15:40   **DIFFPREP & DRBUDDI &** *new* **TORTOISE website/forum**
                       M. Okan Irfanoglu

15:40 - 16:15   **Preparing data for TORTOISE usage**
                       - reorientation of anatomical reference
                       - preprocessing QC
                       Quality assessment of post processed data
                       Amritha Nayak

16:15 - 16:30   Q&A and break

16:30 - 17:00   **Overview of DIFFCALC**
                       Carlo Pierpaoli

17:00 - 17:15   **Overview of DRTAMAS**
                       M. Okan Irfanoglu