



AFNI Bootcamp, NIH Bldg 38A, Lister Hill Auditorium (Mar 30 - Apr 3, 2020)



Mon Tues Wed Thur Fri

08:30-09:20
minibreak
09:30-10:15

AFNI Intro & Interactive
Cox

Alignment and Registration
Taylor

Group Analysis in FMRI
Chen

Adv Clustering & Regression++
Cox

Resting State & InstaCorr
Cox

break

10:30-11:20
minibreak
11:30-12:15

AFNI Driving & Interactive
Glen

FMRI Analysis: Start-to-Middle
Reynolds

Atlases & ROIs
Glen

Group Analysis Hands-On
Chen

Adv. SUMA and AFNI vis.
Glen

lunch

13:30-14:20
minibreak
14:30-15:15

Single Subject Analysis
Cox

FMRI Analysis: Middle-to-End...
Reynolds

ROI-based Group Analysis
Chen

SUMA & Surface Analysis
Taylor

Dispersal to the Eight Corners of the Cosmos

break

15:30-16:20
minibreak
16:30-17:15

Regression Hands-On
Reynolds

... group level & 3dttest++; QC
Reynolds; Taylor

Consultations
All

More Surface Analysis: SUMA
Reynolds

11:45 finito!

Friday DTI Breakout
Building 45 (Natcher), Rm. A/B

DWI Acquisition & Processing, TORTOISE and FATCAT
-- exact schedule to be determined --
Irfanoglu, Nayak, Sarlls, Taylor



8:30 - 17:15

Followed by Happy Hour at Rock Bottom, Bethesda

<u>Class</u>	<u>Handout(s)</u>
• AFNI Intro & Interactive (lecture, hands-on):	afni01_intro.pdf, afni02_to3d.pdf, afni00_unix.pdf
• AFNI Interactive (hands-on):	afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni
• Single Subject Analysis (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• Regression: Hands on (hands-on):	afni05_regression.pdf
• Alignment and Registration (lecture):	afni10_volreg_talairach.pdf, afni10_volreg_talairach_extras.pdf
• FMRI Analysis: Start-to-Middle (hands-on):	afni16_start_to_finish.pdf, afni_proc.pdf
• FMRI Analysis: Middle-to-End (hands-on):	afni16_start_to_finish.pdf
• Exercises and Consultations (hands-on):	afni19_jazz.pdf, afni19_jazz_hints.pdf, afni19_jazz_answers.pdf
• Group Analysis in FMRI (lecture):	afni24_GroupAna.pdf
• ROIs, Atlases & Driving AFNI (lecture):	afni10_volreg_talairach.pdf, afni11_roi.pdf, afni11_roi_cmds.txt
• ROI-based Group Analysis (lecture):	afni26_ROI-based-modeling.pdf
• Adv Clustering & Regression++ (lecture):	afni07_advanced.pdf, afni_clustering_etac.pdf, Clusters_2017.pdf
• Surface Analysis: SUMA (hands-on):	suma.pdf, suma_keystrokes.txt
• More Surface Analysis: SUMA (hands-on):	suma.pdf
• Group Analysis Hands-on (hands-on):	afni25_GroupAna_HO.pdf, PPI.pdf
• Resting State & InstaCorr (lecture/hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• Adv. SUMA and AFNI vis. (hands-on):	FATCAT_HO.pdf, advanced_vis_notes.txt