



AFNI Bootcamp

Apr 12-16, 2010



中国科学院心理研究所
INSTITUTE OF PSYCHOLOGY, CHINESE ACADEMY OF SCIENCES

	Mon 星期一	Tue 星期二	Wed 星期三	Thu 星期四	Fri 星期五
9:00 – 10:30	Hands-On: Unix Essentials [Reynolds]	Hands-On: 3dDeconvolve and Simple Regression; [Chen]	Lecture: Advanced Topics in Regression [Cox]	Hands-On: FMRI Analysis from Start to End [Reynolds]	Hands-On: Surface Analysis with SUMA [Cox]
10:30 – 10:45 Tea & Coffee & Cellphone Break					
10:45 – 12:15	Lecture: AFNI Intro & FMRI Overview [Cox]	Lecture: Experiment Design; + Talairach Transformation & Image Registration [Chen+Reynolds]	Hands-On: ROI Drawing and Usage [Reynolds]	Hands-On: More FMRI Start to End; + Volume Rendering [Reynolds+Cox]	Lecture: Realtime FMRI and AFNI Automation [Reynolds]
12:15 – 2:00 Luncheon Break 午餐					
2:00 – 3:30	Hands-On: Using AFNI Interactively [Reynolds]	Lecture: 3dDeconvolve & Deconvolution [Chen]	Lecture: Group Analysis: t-tests, ANOVA, LME, MEMA [Chen]	Lecture: Connectivity: SEM, PPI, Granger [Chen]	Hands-On: Interactive Resting State Correlation [Cox]
3:30 – 3:45 Tea & Coffee & Cellphone Break					
3:45 – 5:15	Lecture: Modeling the FMRI Signal [Cox]	Hands-On: AFNI Practice & Exercises - 1 [All]	Hands-On: AFNI Practice & Exercises - 2 [All]	Hands-On: AFNI Practice & Exercises - 3 [All]	Final Questions [All]

