

AFNI Training Workshop on the Analysis of Brain Imaging Data

June 17-21, 2012, Beijing

<http://psychbrain.bnu.edu.cn/>

1. General Information

The 2012 Annual Meeting of the Organization for Human Brain Mapping will be held in Beijing June 10-14, 2012. Immediately after this conference ends, Beijing Normal University and the Scientific and Statistical Computing Core (SSCC) of the US National Institute of Mental Health (NIMH) are hosting a 5 day training workshop on the use and applications of AFNI for the analysis of functional MRI data. The dates of this “bootcamp” are June 17-21 (Sun-Thu). This event is sponsored by School of Brain and Cognitive Sciences at Beijing Normal University and the National Key Laboratory of Cognitive Neuroscience and Learning. The AFNI Training Workshop will cover the basics of using the open-source package AFNI to analyze brain imaging data, and will also present some advanced applications. The workshop is a mixture of lectures and hands-on practice, with some time set aside for exercises and individual consultations with the instructors.

We are looking forward to seeing you in Beijing.

2. Local Organization:

School of Brain and Cognitive Sciences, Beijing Normal University, China

National Key Lab of Cognitive Neuroscience and Learning, Beijing Normal University, China

3. The sessions will cover the following topics:

- Using the AFNI graphical user interface (GUI) to examine 3D and 3D+time datasets;
- An overview of the brain atlas datasets incorporated into the AFNI GUI, and an outline of how to create custom brain atlases for use in AFNI;
- Setting up individual subject time series analyses using processing scripts, and using the new GUI for that purpose;
- Interactive viewing and thresholding of functional activation maps;
- Group (inter-subject) data analysis, ranging from simple to complex statistical methods;
- Resting state fMRI analyses: interactive explorations and batch computations;
- Task-based connectivity analyses;
- Surface-based display and data analysis with SUMA;
- Real-time scanner-to-AFNI data acquisition, display, and processing.

Attendees are expected to bring a laptop with the AFNI software and the sample datasets installed; instructions are online at

http://afni.nimh.nih.gov/pub/dist/HOWTO/howto/ht00_inst/html/class_setup.shtml

4. The instructors will be:

- Dr Robert W Cox, primary creator of AFNI (since 1994), and currently Director of the Scientific and Statistical Computing Core at the NIMH, in Bethesda, Maryland, USA.

- Dr Ziad S Saad, who has worked with AFNI and Dr Cox since 1995, and has been the primary creator of the SUMA components of AFNI since 2002.
- Dr Gang Chen, who has been developing advanced statistical analyses within AFNI (including group and connectivity analysis methods) since 2003.

5. Registration

Please fill out the registration form (Attachment 1) and send it via email to afni@bnu.edu.cn.

Registration fee (covers the training material and tea breaks)

Regular: US\$480 (RMB3000)

Student: US\$400 (RMB2500)

Payment Method

After we receive your registration form, we will email back a Confirmation Letter (with detailed instructions for bank transfer attached).

6. Venue

Beijing Normal University, 19 Xijiekouwai Str., Beijing, 100875, China

7. Accommodation and transportation

You are responsible for arranging for your own accommodation and transportation. Some useful information is below:

Accommodations

- Jingshi Hotel, Beijing Normal University (4 star Hotel)
 - Tel : 86-010-58802288 Web: http://www.ciae.bnu.edu.cn/english_ver/index.htm
- Tong Chun Yuan Hotel
 - Tel : 86-010-62353288
- Home Inn, No.40B, Beisanhuan Middle Road, Haidian District, Beijing
 - Tel : 86-010- 62026556
- 7 Days Inn, No.2 Deshengmenwai Street, Xicheng District, Beijing
 - Tel : 86-010- 82284388

Transportation

You can get to Beijing Normal University by subway or by taxi, from the airport or railway station.

- From Beijing train station: Take Subway to Jishuitan Station and transfer to Bus 22 to Beijing Normal Univ. Station.
- From Beijing West train station: Take Bus 47 to Beijing Normal Univ. Station.
- From Beijing South train station: Take Bus 939 to Beijing Normal Univ. Station.
- From Beijing North train station: Take Bus 104 to Beijing Normal Univ. Station.

- From Beijing International Airport: Take Airport Shuttle bus to North Taipingzhuang, walk 10 mins to Beijing Normal Univ.; or take taxi from the bus stop (fee about RMB80)

8. Contact us

a) For information about registration, meeting venue, etc:

Ms. Xiaoxiang Deng

Email: afni@bnu.edu.cn

Tel: +86-10-58802060

b) For information about installing AFNI on your laptop:

Mr Brian Pittman

Email: pittmanb@mail.nih.gov

c) For information about the content of the AFNI course:

Dr Robert Cox

Email: robertcox@mail.nih.gov

Attachment 1 :

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Registration Form

Name*		Gender*	<input type="checkbox"/> Male <input type="checkbox"/> Female
Country*		Province/State*	
Occupation*	<input type="checkbox"/> Student (<input type="checkbox"/> Master <input type="checkbox"/> Ph.D.)	Supervisor	
	<input type="checkbox"/> Teacher <input type="checkbox"/> Doctor <input type="checkbox"/> Other (specify: _____)	Position	
Institution Type*	<input type="checkbox"/> University <input type="checkbox"/> Hospital <input type="checkbox"/> Other		
Institution Name*			
E-mail*		Telephone*	
Address		Postal Code	

*: Required fields