

The First Annual Summer Institute in Cognitive Neuroscience, Taiwan 2004/08/16 ~2004/09/03

Program

8/16 (Mon)

14:00 ~ 14:30 Registration & accommodation

14:30 ~ 16:00 Opening & orientation

19:00 ~ 21:00 Lecture by Professor Ovid J L Tzeng, Vice President of
Academia Sinica

8/17 (Tue)

09:00 ~ 11:00 Self-introduction of the students (10~15 mins for each)

13:30 ~ 16:00 Self-introduction of the students (10~15 mins for each)

19:00 ~ 21:00 Self-introduction of the students (10~15 mins for each)

8/18 (Wed)

09:00 ~ 11:00 History and the development of TMS (Chi-Hung Juan)

13:30 ~ 16:00 Application of TMS in Cognitive Neuroscience (Chi-Hung
Juan)

19:00 ~ 21:00 Practice on TMS

8/19 (Thu)

09:00 ~ 11:00 Frameless Stereotaxy System in TMS studies (Neil
Muggleton)

13:30 ~ 16:00 13:30 ~ 16:00 Basis of eye movement recording
(Chih-Hao Tsai)

19:00 ~ 21:00 Practice on TMS

8/20 (Fri)

09:00 ~ 11:00 Experimental design and data analysis (Jie-Li Tsai)

13:30 ~ 16:00 Practice on eye tracker system

8/23 (Mon)

09:00 ~ 11:00 Introduction and Overview to ERPs (Shih-kuen Cheng)

13:30 ~ 16:00 Biological Signal Processing (Fu-Zen Shaw)

16:30 ~ 18:00 Introduction to ERP recording system (Shih-kuen Cheng)

8/24 (Tue)

09:00 ~ 11:00 ERP Experimental Design I (Leun Otten)

13:30 ~ 16:00 ERP Experimental Design II (Leun Otten)

16:30 ~ 18:00 Introduction to ERP Data Analysis (Chia-Ying Lee)

8/25 (Wed)

09:00 ~ 11:00 ERP Data Analysis and Interpretation (Leun Otten)

13:30 ~ 21:00 Practice on ERP Data Recording and Analysis

8/26 (Thu)

09:00 ~ 11:00 Source Localization I (Christophe Phillips)

13:30 ~ 16:00 Source Localization II (Christophe Phillips)

19:00 ~ 21:00 Practice on ERP data analysis

8/27 (Fri)

09:00 ~ 11:00 ERPs data report (student groups)

13:30 ~ 16:00 ERPs data report (student groups)

8/30 (Mon)

09:00 ~ 11:00 MR physics (CP Lin)

13:30 ~ 16:00 image realignment & coregistraion (John Ashburner)

19:00 ~ 21:00 Practice on fMRI data analysis

8/31 (Tue)

09:00 ~ 11:00 image normalization, VBM & its application (John Ashburner)

13:30 ~ 16:00 Physiological basis of fMRI (TC Yeh)

19:00 ~ 21:00 Practice on fMRI data analysis

9/01 (Wed)

09:00 ~ 11:00 fMRI experimental design and consideration (Jesper Aderson)

13:30 ~ 16:00 fMRI data analysis: modeling (Jesper Anderson)

19:00 ~ 21:00 Practice on fMRI data analysis

9/02 (Thu)

09:00 ~ 11:00 fMRI data analysis: inference (Jesper Anderson)

13:30 ~ 16:00 Diffusion MRI (CP Lin)

19:00 ~ 21:00 Practice on fMRI data analysis

9/03 (Fri)

09:00 ~ 11:00 ICA basis (JR Duann)

13:30 ~ 16:00 ICA application on fMRI data (JR Duann)

16:30 ~ 17:30 Farwell party (All participants: staff & students)