Likan Zhan

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Academic appointment

- 2014.10 ~ Now, Assistant professor,
  MEG Laboratory for Brain Sciences,
  Institute for Speech Pathology and the Brain Science,
  Beijing Language and Culture University, Beijing, China

Education

- 2010.10 ~ 2014.09, Ph.D. Cognitive Science,
  Macquarie University, Sydney, Australia

- 2007.09 ~ 2010.07, M.E. Cognitive Psychology,
  Beijing Language and Culture University, Beijing, China

- 2000.09 ~ 2004.07, B.A. Teaching Chinese as a Second Language,
  Beijing Language and Culture University, Beijing, China

Teaching responsibilities

- Statistics for the Behavioral Sciences
- R for Modeling and Visualizing Data
- Introduction to Cognitive Neuroscience
- Foundations of Scientific Research

Publications

1. Periodicals

- Moscati, V., **Zhan, L.**, & Zhou, P. (2016). Children's on-line processing of epistemic modals. *Journal of Child Language*, 1-16. doi: 10.1017/S0305000916000313

- **Zhan, L.**, Crain, S., & Zhou, P. (2015). The online processing of only if- and even if- conditional statements: Implications for mental models. *Journal of Cognitive Psychology, 26*(7), 367-379. doi: 10.1080/ 20445911.2015.1016527

- Zhou, P., Crain, S., & **Zhan, L.** (2014). Grammatical aspect and event recognition in children's online sentence comprehension. *Cognition, 133*(1), 262-276. doi: 10.1016/j.cognition.2014.06.018

- Zhou, P., Crain, S., & **Zhan, L.** (2012). Sometimes children are as good as adults: The pragmatic use of prosody in children's on-line sentence processing. *Journal of Memory and Language, 67*(1), 149-164. doi: 10.1016/j.jml.2012.03.005

- Zhou, P., Su, Y., Crain, S., Gao, L., & **Zhan, L.** (2012). Children's use of phonological information in ambiguity resolution: a view from Mandarin Chinese. *Journal of Child Language, 39*(04), 687-730. doi: 10.1017/S0305000911000249

Professional skills

- Statsistics. I teached two statistical courses to master students. I have moderate experience in using *R* for statistical modeling and data visualization. Besides the default ones, I used the following R packages a lot: *data.table*, *dplyr*, *ggplot2*, *car*, *lme4*, *gam* etc. I also created a R package myself, called *acqr*.

- Experimental techniques. I'm familiar with E-prime, Psychopy, Psychtoolbox, and Presentation for presenting test stimuli. I have advanced experience in using Eyelink II/1000 plus (SR Research Ltd.), such as *Experiment Builder* for experiment building, and *Data Viewer* for data analysis. I am in charge of establishing the first Child MEG lab in China, familiar with *Yokogawa* MEG system for equipment maintenance and MEG data acquisition. I'm also familiar with *BESA*, and some Matlab packages for analyzing the E/MEG data, such as *fieldtrip* and *SPM12*.

- Typesetting. I like to write with *Latex*, *Markdown*, and *R Markdown*.

- Perssonal website: I created a personal website with *hugo* and *blogdown*.