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Tucker-Davis Symposium on Advances and Perspectives in Auditory Neurophysiology (APAN VI)

Friday, November 14, 2008

Location: **Congressional A & B,
Renaissance Washington, DC Hotel
999 9th Street, NW**

(directly across from the Washington Convention Center;
<http://www.dconvention.com/pdfs/OneMileMap.pdf>)

Scientific Program

- 8:30-9:00 **Registration and Poster set-up (all posters)**
- 9:00-9:05 Introduction (Andrew King)
- 9:05-10:00 **Keynote lecture:** Josef P. Rauschecker (Georgetown University)
Maps and streams in the auditory cortex of primates
- 10:00-11:00 **Poster Session & Coffee Break**
- Slide Session** (Chair: Amy Poremba)
- 11:00-11:20 **The contribution of different neural codes to the encoding of natural sounds in auditory cortex.** Christoph Kayser¹, Marcelo A. Montemurro², Nikos K. Logothetis¹, Stefano Panzeri^{2,3}. ¹Max Planck Institute for Biological Cybernetics, Spemannstrasse 38, 72076 Tübingen, Germany. ²Faculty of Life Sciences, University of Manchester, Manchester M60 1QD, United Kingdom. ³Robotics, Brain and Cognitive Sciences Department, Italian Institute of Technology, Via Morego 30, 16163 Genova, Italy
- 11:20-11:40 **Investigation of cortical pitch processing in humans using depth electrode recording.** T. D. Griffiths¹, S. Kumar¹, W. Sedley¹, K. Nourski², H. Kawasaki², H. Oya², J. F. Brugge², M. A. Howard²; ¹Auditory Group, Newcastle Univ., Newcastle upon Tyne, United Kingdom; ²Univ. of Iowa, Iowa City, IA
- 11:40-12:00 **Dynamic activation and modulation of human neocortex during phonemic reception.** Edward F. Chang^{*1,2}, Erik Edwards^{*1}, Noa Fogelson¹, Sarang Dalal¹, Nicholas M. Barbaro², Heidi Kirsch³, Srikantan Nagarajan⁴, Robert T. Knight¹ ^{*}First co-authors. ¹Helen Wills Neuroscience Institute, University of California, Berkeley. ²Department of Neurological Surgery, ³Neurology, and ⁴Radiology, University of California, San Francisco
- 12:00-12:20 **Adaptive, state-dependent acquisition and extinction of auditory and visual target responses in the ferret prefrontal cortex.** Jonathan Fritz, Stephen David, Pingbo Yin, Shihab Shamma. *Neural Systems Lab, Inst. Syst Res., Univ. Maryland, College Park, MD*
- 12:20-12:40 **Distinct temporal lobe projections to auditory and visual regions in the ventral prefrontal cortex support face and vocalization processing.** Maria M. Diehl, Jennifer A. Bartlow-Kang, Tadashi Sugihara, Lizabeth M. Romanski. *Department of Neurobiology & Anatomy, University of Rochester, Rochester, NY*
- 12:40-1:45 **Lunch** (on your own)