

**The Fifth International Workshop on Evolutionary Cognitive Sciences  
"Human Sentence Processing and Production"**

**Co-sponsored by The Technical Group of Thought and Language (The  
Institute of Electronics, Information and Communication Engineers)**

**Date: July 14 (Fri)-15 (Sat), 2006**

**Venue: Building 18 Hall, University of Tokyo, Komaba**

The access map and the campus map (pdf) are available on the website below  
<http://ecs.c.u-tokyo.ac.jp/activity/activity.html#HSPP>

**INVITED SPEAKERS**

Franklin Chang (NTT Communication Science Laboratories)

Yoshihisa Kitagawa (Indiana University)

Mineharu Nakayama (Ohio State University)

Katsuo Tamaoka (Hiroshima University)

Hiroko Yamashita (Rochester Institute of Technology)

**REGISTRATION** : Registration is free. Pre-registration is not absolutely necessary but is highly encouraged. All you have to do to preregister is to email your name, affiliation and non-student/student to the following address by (preferably) June 20.

To: [hspp@ecs.c.u-tokyo.ac.jp](mailto:hspp@ecs.c.u-tokyo.ac.jp)

The subject line of the email should be "COE Workshop Registration"

**RECEPTION**: There will be a reception on the evening of July 14 on the Komaba campus. Details will be announced later to those who have pre-registered for the workshop before June 20.

**ORGANIZERS**

Yuki Hirose, Takane Ito, Yuki Kobayashi & Miki Uetsuki

**WORKSHOP WEBSITES:**

<http://ecs.c.u-tokyo.ac.jp/activity/activity.html#HSPP>

<http://www.ieice.org/~tl/cfp200607.html>

Should you have any question, please contact

Yuki Hirose [hspp@ecs.c.u-tokyo.ac.jp](mailto:hspp@ecs.c.u-tokyo.ac.jp)

## **PROGRAM**

**Friday, July 14**

**Registration 9:30-**

**Thought and Language Session 1 (Talks are given in Japanese)**

**10:00 Opening remarks and Announcements**

**10:05-10:35 A non-syntactic factor which makes the revision process more difficult -pragmatic plausibility-**

Hiroaki OISHI (Graduate School of Humanities, Department of Linguistics, Kyushu University)

**10:35-11:05 Reconsideration of presuppositional tests in Japanese**

Daisuke BEKKI (University of Tokyo), Ai KAWAZOE (National Institute of Informatics), Kiyoko KATAOKA (Nihon University) & Manabu SAITO (Teikyo University)

**11:05-11:35 The plural -s as a determiner**

Yoshiko UMEMORI (Kumon Institute of Education (part time))

**Thought and Language Session 2 (Talks are given in Japanese)**

**11:45-12:15 On-line processing of floating quantifier constructions in Japanese: Using Event-Related brain Potentials**

Daichi YASUNAGA (Kyushu University) & Tsutomu SAKAMOTO (Kyushu University)

**12:15-12:45 Architecture of the speech recognition system that consists of overlapping of impulse-driven look-up tables**

Shinji KARASAWA (Miyagi National College of Technology) & Hiroshi SAKURABA (Miyagi National College of Technology)

**Lunch (12:45-13:40)**

**COE Workshop Session 1 (Talks are given in English)**

**13:40 Opening remarks and Announcements**

**13:45-14:25 Using the Moses Illusion to investigate the external speech monitor**

Jessica W. CHEVALIER (University of California, Santa Cruz)

**14:25-15:05 A Memory-based sentence processing model**

Kei TAKAHASHI (Graduate School of International Cultural Studies(GSICS)/ Center for Interdisciplinary Research(CIR), Tohoku University) & Kei YOSHIMOTO (Graduate School of International Cultural Studies(GSICS)/ Center for the Advanced Higher Education(CAHE), Tohoku University)

**15:05-15:45 Attributes of language use explained by activities of neurons**

Shinji KARASAWA (Miyagi National College of Technology)

**COE Workshop Session 2 (Talks are given in English)**

**16:00-16:40 JFL learners' reading NPs in sentences and isolation**

Mineharu NAKAYAMA (Ohio State University) & Akiko KASHIWAGI (Ohio State University)

**16:40-17:20 Structural priming as a window to the human linguistic representations**

Hiroko YAMASHITA (Rochester Institute of Technology)

**17:20-18:00 The processing of English number agreement**

Jeffrey D. WITZEL (University of Arizona) & Janet L. NICOL (University of Arizona)

**Saturday, July 15**

**Thought and Language Session 3 (Talks are given in Japanese)**

**10:00-10:30 What factor effects the preference of Japanese syntactically ambiguous sentence ?**

Miki UETSUKI (Center for Evolutionary Cognitive Sciences at the University of Tokyo)

**10:30-11:00 Cognitive semantics and language acquisition**

Megumi NISHIKAWA (Kunitachi College of Music)

**COE Workshop Session 3 (Talks are given in English)**

**11:20-12:00 Anatomy of acceptability judgments**

Yoshihisa KITAGAWA (Indiana University)

**12:00-12:40 Input for learning Japanese: RIKEN Japanese Mother-Infant Conversation Corpus**

Reiko MAZUKA (Laboratory for Language Development, RIKEN Brain Science Institute, Duke University), Yosuke IGARASHI (Laboratory for Language Development, RIKEN Brain Science Institute, National Institute for Japanese Language) & Ken'ya NISHIKAWA (Laboratory for Language Development, RIKEN Brain Science Institute, Keio University)

**Lunch (12:40-13:40)**

**COE Workshop Session 4 (Talks are given in English)**

**13:40-14:20 Activation of syntactic and conceptual information during Japanese sentence production**

Mikihiro TANAKA (University of Edinburgh), Holly BRANIGAN (University of Edinburgh) & Martin PICKERING (University of Edinburgh)

**14:20-15:00 Becoming syntactic: Psycholinguistic, developmental, and evolutionary considerations**

Franklin CHANG (NTT Communication Science Laboratories)

**15:00-15:40 Effects of mathematical calculations and thinking about time on abstract thought**

Jessica W. CHEVALIER (University of California, Santa Cruz)

**COE Workshop Session 5 (Talks are given in English)**

**16:00-16:40 The subsequent incremental anticipation (SIA) model for explaining the processing of Japanese active sentences**

Katsuo TAMAOKA (Hiroshima University), Satoru MURAOKA (Kyushu University), Yayoi MIYAOKA (Hiroshima University of Economics) & Hiromu SAKAI (Hiroshima University)

**16:40-17:20 Processing sandwiched dative NP in Korean via case-prosody interaction**

Jieun KIAER (King's College London) & Ruth KEMPSON (King's College London)

**17:20-18:00 On-line use of prosodic boundaries: ERP evidence**

Masako HIROTANI (Max Plank Institute)