CONFERENCE PROGRAM

Saturday, May 31

8:45-9:00   Welcome
9:00-10:30  **Session 1: Learning from Image Data**

9:00-9:22   *Words Sense Disambiguation with Pictures*
            Kobus Barnard, Matthew Johnson and David Forsyth

9:22-9:44   *Words and Pictures in the News*
            Jaety Edwards, Ryan White and David Forsyth

9:44-10:06  *Understanding Complex Visually Referring Utterances*
            Peter Gorniak and Deb Roy

10:06-10:28 *Towards a Framework for Learning Structured Shape Models from Text-Annotated Images*
            Sven Wachsmuth, Suzanne Stevenson and Sven Dickinson

10:30-11:00 Break

11:00-12:30 **Session 2: Learning from Video Data**

11:00-11:22 *An Architecture for Word Learning using Bidirectional Multimodal Structural Alignment*
            Keith Bonawitz, Anthony Kim and Seth Tardiff

11:22-11:44 *Learning Word Meaning and Grammatical Constructions from Narrated Video Events*
            Peter Ford Dominey and Thomas Voegtlin

11:44-12:06 *EBLA: A Perceptually Grounded Model of Language Acquisition*
            Brian E. Pangburn, S. Sitharama Iyengar, Robert C. Mathews and Jonathan P. Ayo

12:06-12:30 Panel Discussion—I

12:30-2:00 Lunch

2:00-3:30  **Session 3: Learning from Robotics Data**

2:00-2:22  *Why can’t José read? The problem of learning semantic associations in a robot environment*
            Peter Carbonetto and Nando de Freitas

2:22-2:44  *Grounding Word Meanings in Sensor Data: Dealing with Referential Uncertainty*
            Tim Oates

2:44-3:06  *Conversational Robots: Building Blocks for Grounding Word Meaning*
            Deb Roy, Kai-Yuh Hsiao and Nikolaos Mavridis

3:06-3:30  Panel Discussion—II

3:30-4:00 Break
4:00-5:30  **Session 4: Learning from Other Types of Data**

4:00-4:22  *Learning the Meaning and Usage of Time Phrases from a Parallel Text-Data Corpus*
Ehud Reiter and Somayajulu Sripada

Ulla Vanhatalo and Hilary Chan

4:44-5:06  *Learning Word Meanings and Descriptive Parameter Spaces from Music*
Brian Whitman, Deb Roy and Barry Vercoe

5:06-5:30  Panel Discussion—III