Proceedings of the IWCS Workshop *Foundations of Situated and Multimodal Communication*

Workshop organizers: Nicholas Asher, Julie Hunter, Alex Lascarides

Situated or multimodal communication, in which speakers exploit various aspects of the non-linguistic context to communicate a message, is a fact of life for face-to-face conversations. Its analysis is of fundamental importance to modelling everyday conversations between humans and embodied conversations between humans and robots. However, the approach in formal semantics to the study of how nonlinguistic and linguistic contexts interact has not evolved dramatically since Kaplan's seminal work on indexicals and demonstratives. The goal of this workshop was to bring together both linguists and computer scientists to discuss foundational, conceptual, and practical issues involving situated communication.

Invited Talks:

Cynthia Matuszek, "Grounded Language Acquisition: A Physical Agent Approach"

Siddharth Narayanaswamy, "Language- and Model-Driven Machine Intelligence"

Contributed Talks:

Sai Abishek Bhaskar, Maximillian Kper, Sabine Schulte Im Walde, & Diego Frassinelli, "Exploring Multi-Modal Text+Image Models to Distinguish between Abstract and Concrete Nouns"

Andy Lcking, "Indexicals as Weak Descriptors"

James Pustejovsky, Nikhil Krishnaswamy, Bruce Draper, Pradyumna Narayana, Rahul Bangar, "Creating Common Ground through Multimodal Simulations"

Ielka van der Sluis, Anne Nienke Eppinga, Gisela Redeker, "Text-Picture Relations in Multimodal Instructions"

Program Committee:

Ellen Breitholtz	Jeremy Kuhn
Sam Carter	Andy Lcking
Tim van der Cruys	Cynthia Matuszek
Simon Dobnik	Siddharth Narayanaswamy
Christine Howes	David Schlangen
Jonathan Ginzburg	Matthew Stone
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