

Towards mechanistic models of meaning composition

International symposium · October 11-12, 2018

Scandic Nidelven Hotel, Trondheim

Program

Thursday, October 11

- 8.45-9.00 *Welcome and introduction*
Giosuè Baggio
- 9.00-10.00 ***Representing symbols in connectionist systems***
Ivan Vankov (New Bulgarian University) & Jeffrey Bowers
(University of Bristol)
- 10.00-11.00 ***Decomposing composition: The role of the left anterior temporal lobe within the combinatorial network***
Liina Pyllkkänen (New York University)
- 11.00-12.00 ***Modeling the neural dynamics of structure building during naturalistic language comprehension***
Jonathan R. Brennan (University of Michigan)
- 12.00-13.00 *Lunch*
- 13.00-14.00 ***On the compositional abilities of artificial neural networks***
Marco Baroni (University of Trento & Facebook AI Research Paris)
- 14.00-15.00 ***On the sufficiency of operators for compositionality: Where tensors fail***
Andrea E. Martin (Max Planck Institute for Psycholinguistics) &
Leonidas A.A. Doumas (University of Edinburgh)
- 15.00-15.15 *Coffee break*
- 15.15-16.15 *Open discussion* (chair Andrea E. Martin)
- 19.00 *Dinner*

Friday, October 12

- 9.00-10.00 ***The neurocognitive basis of knowledge about objects and their associations: Neural dissociations reflect semantic coherence and control***
Elizabeth Jefferies (University of York)
- 10.00-11.00 ***Temporal Generalization Method and its application to language in context***
Alona Fyshe (University of Alberta)
- 11.00-12.00 ***Neural measures of structure representation: The role of lists***
Ellen Lau (University of Maryland)
- 12.00-13.00 *Lunch*
- 13.00-14.00 ***Dissociable effects of prediction and integration during language comprehension: Evidence from a large-scale study using brain potentials***
Mante S. Nieuwland (Max Planck Institute for Psycholinguistics & University of Edinburgh) [talk given by Andrea E. Martin]
- 14.00-15.00 ***The acquisition of compositional meaning***
Petra Hendriks (University of Groningen)
- 15.00-15.15 *Coffee break*
- 15.15-16.15 *Open discussion* (chair Giosuè Baggio)

Organizing committee

Giosuè Baggio (Norwegian University of Science and Technology)

Andrea E. Martin (Max Planck Institute for Psycholinguistics)

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Venue

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