

**10th International Symposium of Cognition, Logic and
Communication**
PERSPECTIVES ON SPATIAL COGNITION

**September 12-13, 2014,
University of Latvia,
Riga, Latvia**

University of Latvia, Raina boulevard 19

Preliminary Program

Friday

September 12

9.00-9.45: **Registration** (Aula Magna)

9.45-10.00: **Opening** (Aula Magna)

10.00-11.00

Chair: David Uttal (Northwestern University, USA)

Public Opening Keynote Lecture

Dedre Gentner

(Northwestern University, USA)

Comparison and relational language in the development of relational categories.

11.00-13.00

PARALLEL SESSIONS

Small Aula	Room 16	Room 12
Chair: Markus Kracht (University Bielefeld)	Chair: Norbert Ross (Vanderbilt University, USA)	Chair: Guido Sechi (LU/RGSL/TU Bari, Latvia / Italy)
Katherine Dunlop (University of Texas at Austin, USA) Language, Perception, and Non-Conceptual Spatial Content In Recent Discussions of Molyneux's Question	Inesa Šeškauskienė, Eglė Žilinskaitė-Šinkūnienė, (Vilnius University, Lithuania) On the polysemy of Lithuanian už: a cognitive perspective	Alexander Klippel (Pennsylvania State University, USA) The CatFramework for Spatial Semantics
Katia Deiana, Līva Raita, Baingio Pinna, Jurgis Škilters, (Sassari University, Italy / University of Latvia,	Maria Privizentseva, Alexey Kozlov, (Moscow State University) Dimensional adjectives	Shi Hui, Tao Wang (Universität Bremen, Germany) Describing Image Layouts using a

Latvia) The principles and the syntax organization of space, shape and color in vision	and language topology	Qualitative Region Interaction Model
		Girts Burgmanis, Baingio Pinna, Katia Deiana, Jurgis Šķilters (University of Latvia, Latvia / University of Sassari, Italy) Functional prominence in generation of cognitive maps: Anchors and figure-ground relationship

13.00-14.00 **Lunch** (*Lunches and coffee breaks in the canteen located in the basement of the building*)

14.00-16.00

PARALLEL SESSIONS

Small Aula Chairs: Ivars Austers (LU, Latvia) and Jurgis Šķilters (LU, Latvia)	Room 16 Chair: Artis Svece (LU, Latvia)
Yoad Winter (Utrecht University, The Netherlands) The vector-based semantics of distal PP modification	Maria Kyuseva, Ryzhova Daria (Higher School of Economics: National Research University, Russia) Posture verbs as locative predicates: evidence from Kabardian
John Galebach (University of California, Irvine, USA) Two paths from Tarski: Spatial logics and o-minimality	Alexey Leontyev, Maria Petrova , (ABBYY, Russia) The Description of Space Relations in the ABBYY Compreno Model
Ekaterina Rakhilina & Maria Shapiro (Higher School of Economics, Moscow, Russia) Topology of motion: oscillation	Norbert Ross , Werner Hertzog, Jeffrey T. Shenton & Michael R. Kohut (Vanderbilt University, USA) Seeing and Being in the World: Ontologies, Spatial Representation and Cultural Change.

16.00-16.30 **Coffee Break**

PLENARY SESSIONS

(all sessions to take place in the Small Aula of the Main Building)

Chair: Timothy McNamara (Vanderbilt University, USA)

16.30- 17.30.

Barbara Landau (Johns Hopkins University, USA)

Origins and development of spatial language: Some complexities

17 30 – 18 30

Nora Newcombe (Temple University, USA)

Space, Development, Spatial Development

Saturday September 13

PLENARY SESSIONS

(All sessions to take place in the Small Aula of the Main Building)

Chair: Barbara Landau (Johns Hopkins University, USA)

9.30–10.30

Timothy McNamara (Vanderbilt University, USA)

Integration of Environmental and Self-motion Cues During Navigation

10.30 – 10.45 **A Short Coffee Break**

Chair: Yoad Winter (Utrecht University, the Netherlands)

10.45 – 11.45

Peter Gärdenfors (University of Lund, Sweden)

(joint work with Joost Zwarts)

Conceptual spaces and the semantics of prepositions

11.45 – 12.45

Marcus Kracht (University of Bielefeld, Germany)

Aspects of Space

12 45- 14 00 **Lunch**

Chair: Alexander Klippel (Pennsylvania State University, USA)

14.00–15.00

Jessica Rett (University of California at Los Angeles, USA)
Antonymy in space and other strictly ordered domains"

15.00-16.00

Karel Jezek (Charles University, Czech Republic and Norwegian University of
Science and Technology, Trondheim, Norway)
Neural Representation of Space: Hippocampal memory states and their fine
kinetics

16.00- 16.30 **Coffee break**

Chair: Nora Newcombe (Temple University, USA)

16 30 – 17 30

David H. Uttal and David Miller (Northwestern University, USA)
Why does spatial thinking matter for success in STEM fields?

17 30 Conference closing

19 00 Conference Dinner at Restaurant Neiburgs ,
<http://www.neiburgs.com/en/restaurant/>