

ANALOGY-09 Schedule

Time Location	Friday, July 24	Saturday, July 25	Monday, July 27
9:00-11:00	<p>Symposium Computational Models of Analogy</p> <ul style="list-style-type: none"> • Ken Forbus (Northwestern Univ) • John Hummel (University of Illinois) • Boicho Kokinov (New Bulgarian Univ) • Denis Mareschal (Univ London) • Alex Doumas (Univ of Hawaii) • Jay McClelland (Stanford Univ) 	<p>Symposium Analogies in the Animal Kingdom</p> <ul style="list-style-type: none"> • Joel Fagot (Universite de la Mediterranee) • Erica Hoy-Kennedy (Frostberg State Univ) • Josep Call, Daniel Haun, & Alenka Hribar (Max Planck Institute for Evolutionary Anthropology) • Roger Thompson (Franklin & Marshall College) • Valentina Truppa (Institute of Cognitive Sciences and Technologies, CNR) • Gloria Sabbatini (Institute of Cognitive Sciences and Technologies, CNR) 	<p>Symposium Formal Models of Analogy</p> <ul style="list-style-type: none"> • Ute Schmid (Bamberg Univ) • Angela Schwering (Univ Muenster) • Ross Gayler (Veda Advantage) <p>9:00-10:30</p>
11:30-13:00	<ul style="list-style-type: none"> • Paul Bartha. Thresholds for plausible analogical arguments • Julie Colhoun and Dedre Gentner. Inference processes in causal analogies • Hee Seung Lee, Keith Holyoak and Hongjing Lu. Integrating Analogical Inference with Bayesian Causal Models 	<ul style="list-style-type: none"> • Penka Hristova. People in negative mood may see relations where people in positive mood may not • Svetoslav Bliznashki and Boicho Kokinov. Analogical Transfer of Emotions • Ivan Vankov and 	<p>Symposium Development of Analogy</p> <ul style="list-style-type: none"> • Jean-Pierre Thibaut and Robert French (University of Burgundy) • Lindsey Richland (Univ of California, Irvine), Alex Doumas (Univ of

	<ul style="list-style-type: none"> • David Landy and John Hummel. Explanatory reasoning for inductive confidence • Kate Lockwood and Kenneth Forbus. Using Analogy to Model Integration During Multimodal Knowledge Capture 	<p>Boicho Kokinov. Grounding Relations in Action</p> <ul style="list-style-type: none"> • Benjamin Bendig and Keith Holyoak. Relational priming of analogical reasoning • Morteza Dehghani, Dedre Gentner, Ken Forbus, Hamed Ekhtiari and Sonya Sachdeva. Analogy and Moral Decision Making • 	<p>Hawaii), Robert Morrison (Northwestern University)</p> <ul style="list-style-type: none"> • John Opfer (Ohio State University) • Dedre Gentner, Flo Angorro, Stella Christie (Northwestern Univ) • David Klahr & Bryan Matlan (Carnegie Mellon University) • Discussant: Dedre Gentner (Northwestern Univ) <p>11:00-13:00</p>
Lunch (Artes)			
14:00-15:30	<p>Symposium Brain Mechanisms of Analogy</p> <ul style="list-style-type: none"> • Alan Green (Yale Univ), Jeremy Gray (Yale Univ), Jonathan Fugelsang (Univ Waterloo), Kevin Dunbar (Univ Toronto) • Barbara Knowlton (UCLA) • Daniel Krawczyk (Univ Texas) • Robert Morrison (Loyola Univ Chicago) 	<p>Symposium Unconscious Processes in Analogy-Making</p> <ul style="list-style-type: none"> • Miriam Bassok (Univ Washington) • Denis Mareschal (Univ London) • Penka Hristova (New Bulgarian Univ) • Discussant: Keith Holyoak (UCLA) 	<ul style="list-style-type: none"> • Amitash Ojha and Bipin Indurkha. Perceptual vs conceptual similarities and creation of new features in visual metaphors • Paul Thibodeau, James McClelland and Lera Boroditsky. When a bad analogy may not be a victimless crime: The role of analogy in social policy • Michael Ramscar and Melody Dye. No representation without taxation: the costs and benefits of learning to conceptualize the environment • Eric Baumer, Bill Tomlinson and Lindsey E. Richland. Computational Metaphor Identification: A Method for

			Identifying Conceptual Metaphors in Written Text
16:00-17:30	<ul style="list-style-type: none"> • Boicho Kokinov, Ivan Vankov and Svetoslav Bliznashki. How Analogy Could Force Re-representation of the Target and Inhibition of the Alternative Interpretation • Angela Schwering, Clemens Bauer, Irena Dorceva, Helmar Gust, Ulf Krumnack and Kai-Uwe Kuehnberger. The impact of gestalt principles on solving geometric proportional analogies • Andrew Lovett, Eyal Sagi, Dedre Gentner and Kenneth Forbus. Modeling Perceptual Similarity as Analogy Resolves the Paradox of Difference Detection • John Hummel and David Landy. From Analogy to Explanation: Relaxing the 1:1 Mapping Constraint... Very Carefully • Georgi Petkov. Is it possible to manipulate the strength of the structural consistency pressure? 	<ul style="list-style-type: none"> • Irimi Skopeliti, Svetlana Gerakaki and Stella Vosniadou. Analogies can facilitate college students' understanding of science text • Scott Friedman, Jason Taylor and Ken Forbus. Learning Naive Physics Models by Analogical Generalization • Matthew Klenk and Ken Forbus. Persistent mappings in cross-domain analogical learning of physics domains • Fintan Costello and Cesare Bianchi. A two-process account of analogical category learning • Wookyoung Jung and John Hummel. Learning probabilistic relational categories 	<p>Symposium Analogy and Creativity</p> <ul style="list-style-type: none"> • Tony Veale (Univ College Dublin) • Cynthia Sifonis (Oakland Univ) • Bipin Indurkha (International Inst of IT, Hyderabad)
18:00-19:30	<ul style="list-style-type: none"> • David Landy and Eric Taylor. Individual differences in how structure affects similarity 	<ul style="list-style-type: none"> • Mark Finlayson. Deriving Narrative Morphologies via Analogical Story Merging 	Discussion

	<ul style="list-style-type: none"> • . Fintan Costello and Valentina Truppa. Individual Differences in Relation Learning in Tufted Capuchins: Evidence for Hypothesis Testing • Adam Chuderski and Anna Chuderska. Constraints on analogical reasoning: Working memory capacity or executive control? • Nina Simms and Dedre Gentner. Relational language and inhibitory control in the development of analogical ability • Norma Ming. Analogies vs. Contrasts: A comparison of their learning benefits 	<ul style="list-style-type: none"> • Reetika Gupta and Sankar Sen. Understanding and Liking Really New Products, The Role of Analogy Pairs • Alison Pease, Markus Guhe and Alan Smaill. Analogy formulation and modification in geometry • Kristie Fisher and Miriam Bassok. Analogical Alignments in Algebraic Modeling • Debbie Denise Reese. Structure Mapping Theory as a Formalism for Instructional Game Design and Assessment 	
19:30-21:00	Welcome party	Poster session, Demo session, and Bufee	Fare-well Party