

ICCS Session Plan

Start	End	Day 1: June 20, 2018
08:30	09:00	Registration
13:15	13:30	Opening Remarks: Peter Chapman and Dominik Endres, 2.D.05
13:30	15:30	<p style="text-align: center;">Session 1: Graph and Concept-based Inference Chair: Tom Hanika Room: 2.D.05</p> <p><i>Using analogical complexes to improve human reasoning and decision making in Electronic Health Record Systems</i> Christian Sacarea, Diana Şotropa and Diana Troanca <i>An Efficient Approximation of Concept Stability using Low-Discrepancy Sampling</i> Mohamed-Hamza Ibrahim and Rokia Missaoul <i>Lifted Most Probable Explanation</i> Tanya Braun and Ralf Moeller <i>Lifted Dynamic Junction Tree Algorithm</i> Marcel Gehrke, Tanya Braun and Ralf Möller</p>
15:30	16:00	Refreshment Break
19:00	00:00	<p style="text-align: center;">Conference Dinner (joint with Diagrams) Location: Murrayfield Stadium Room: President's Suite</p> <p>Delegates should make their own way to the dinner venue. Drinks will be available for purchase at the venue, where there is a cash bar.</p>

Start	End	Day 2: June 21, 2018
08:30	09:00	Registration
09:00	10:30	<p style="text-align: center;">Session 2: Empirical Studies and Cognition <i>joint with Diagrams</i> Chair: Dominik Endres Room: 1.D.02</p> <p><i>Read It This Way: Scaffolding Comprehension for Unconventional Statistical Graphs</i> Amy Fox and James Hollan <i>Diagrammatic Approaches in Computational Musicology: Some Theoretical and Philosophical Aspects</i> Moreno Andreatta, Carlos Agon, Alexandre Popoff and Andrée Ehresmann <i>Drawing to Learn: Who Benefits?</i> Jennifer Cromley, Nora Newcombe and Julie Booth <i>Combining and Contrasting Formal Concept Analysis and APOS theory</i> Uta Priss ICCS</p>
10:30	11:00	Refreshments
11:00	12:30	<p style="text-align: center;">Session 3: Modelling Human Cognition Chair: Diana Sotropa Room: 2.D.05</p> <p><i>Musical Descriptions based on Formal Concept Analysis and Mathematical Morphology</i> Carlos Agon, Moreno Andreatta, Jamal Atif, Isabelle Bloch and Pierre Mascarade Relañó <i>Towards Collaborative Conceptual Exploration</i> Tom Hanika and Jens Zumbärgel <i>Using Conceptual Structures in Enterprise Architecture to develop a new Way of Thinking and Working for Organisations</i> Simon Polovina and Mark van Rosing <i>Visualizing Conceptual Structures Using FCA Tools Bundle</i> Levente Lorand Lis, Christian Sacarea and Diana Şotropa</p>

		Node-Link Diagrams as Lenses for Organizational Knowledge Sharing on a Social Business Platform Anne-Roos Bakker and Leonie Bosveld-De Smet
12:30	14:00	Lunch
14:00	15:30	<p align="center">Session 4: Empirical Studies and Cognition <i>joint with Diagrams</i> Chair: Alan Blackwell Room: 1.D.02</p> <p><i>Cognitive Control as an Underpinning of Relational Reasoning from Diagrams</i> Leonidas Doumas, Lindsey Richland and Robert Morrison <i>Perceptual Processing and the Comprehension of Relational Information in Dynamic Diagrams</i> Richard Lowe, Jean-Michel Boucheix and Marilyne Menant <i>Strategic and Inferential Processing in Text, Diagrams, and Text+Diagram Representations</i> Jennifer Cromley <i>Empirically Evaluating the Similarity Models of Geist</i>, Moritz Schubert and Dominik Endres <i>ICCS</i></p>
15:30	16:30	Refreshments and Poster Session joint with Diagrams
16:30	17:30	<p>Keynote 1: <i>Diagrams and Non-Monotonic Logic: What is the Cognitive Relation?</i> Keith Stenning <i>joint with Diagrams</i> Chair: Peter Chapman Room: 1.D.02</p>

Start	End	Day 3: June 22, 2018
10:30	11:00	Refreshments and Registration
11:00	12:00	<p>Keynote 2: <i>Modular Ontologies As A Bridge Between Human Conceptualization and Data</i> Pascal Hitzler Chair: Uta Priss Room: 1.D.02</p>
12:00	13:30	Lunch
13:30	15:30	<p align="center">Session 5: Graph Visualization Chair: Diana Troanca Room: 1.D.04</p> <p><i>A Visual Analytics Technique for Exploring Gene Expression in the Developing Mouse Embryo</i> Simon Andrews <i>Defining argumentation attacks in practice: an experiment in food packaging consumer expectations</i> Bruno Yun, Rallou Thomopoulos, Pierre Bisquert and Madalina Croitoru <i>Conceptual Graphs Based Modeling of Semi-Structured Data</i> Viorica Varga, Christian Sacarea and Andrea É. Molnár <i>Exploring Heterogeneous Sequential Data on River Networks with Relational Concept Analysis</i> Cristina Nica, Agnès Braud and Florence Le Ber</p>
15:30	15:45	Closing Remarks