

| Keynote (35 minutes) | Monday July 6 | Tuesday July 7 | Wednesday July 8 | Thursday July 9 | Friday July 10 |
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| Regular (20 minutes) | | | | | |
| All times UTC | | | | | |
| Session 1 | Chair: David Spivak | Chair: Martha Lewis | Chair: Miriam Backens | Chair: Christina Vasilakopoulou | Chair: Joachim Kock |
| 1100 – 1135 (UTC) | Opening Remarks (20 minutes) | <i>Bryce Clarke, Derek Elkins, Jeremy Gibbons, Fosco Loregian, Bartosz Milewski, Emily Pillmore and Mario Román. Profunctor Optics, a Categorical Update</i> | <i>Lachlan McPheat, Mehrnoosh Sadrzadeh, Hadi Wazni and Gijs Wijnholds. Categorical Vector Space Semantics for Lambek Calculus with a Relevant Modality</i> | <i>Nicolas Blanco and Noam Zeilberger. Bifibrations of Polycategories and Classical Linear Logic</i> | <i>Martha Lewis. Towards logical negation in compositional distributional semantics</i> |
| 1140 – 1200 | 1125 start: <i>Joachim Kock. Whole-grain Petri nets and processes</i> | <i>Mario Román. Open Diagrams via Coend Calculus</i> | <i>Giovanni de Felice, Alexis Toumi and Bob Coecke. DisCoPy: Monoidal Categories in Python</i> | <i>Christine Tasson and Martin Hyland. The linear-non-linear substitution 2-monad</i> | <i>Bob Coecke, Giovanni de Felice, Konstantinos Meichanetzidis, Alexis Toumi, Stefano Gogioso and Nicolo Chiappori. Quantum Natural Language Processing</i> |
| | Break | Break | Break | Break | Break |
| 1210 – 1230 | <i>Jules Hedges. Non-compositionality in categorical systems theory</i> | <i>Bryce Clarke. A diagrammatic approach to symmetric lenses</i> | <i>Robert Atkey, Bruno Gavranović, Neil Ghani, Clemens Kupke, Jeremy Ledent and Fredrik Nordvall Forsberg. Compositional Game Theory, Compositionally</i> | <i>Tarmo Uustalu, Niccolò Veltri and Noam Zeilberger. Proof Theory of Partially Normal Skew Monoidal Categories</i> | <i>Giovanni de Felice, Elena Di Lavore, Mario Román and Alexis Toumi. Functorial Language Games for Question Answering</i> |
| 1235 – 1255 | <i>Matthew Wilson, James Hefford, Guillaume Boisseau and Vincent Wang. The Safari of Update Structures: Visiting the Lens and Quantum Enclosures</i> | <i>Michael Johnson and Robert Rosebrugh. The more legs the merrier: A new composition for symmetric (multi-)lenses</i> | <i>Jules Hedges and Philipp Zahn. Open games in practice</i> | <i>Paul Wilson and Fabio Zanasi. Reverse Derivative Ascent: A Categorical Approach to Learning Boolean Circuits</i> | <i>Marco Benini, Marco Perin, Alexander Alexander Schenkel and Lukas Woike. Categorification of algebraic quantum field theories</i> |
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| Session 2 | Chair: Prakash Panangaden | Chair: Helle Hvid Hansen | Chair: Bob Coecke | | Chair: Valeria de Paiva |
| 1600 – 1635 | <i>Tobias Fritz, Tomáš Gonda, Paolo Perrone and Eigil Rischel. Distribution functors, second-order stochastic dominance and the Blackwell–Sherman–Stein Theorem in Categorical Probability</i> | <i>Toby St Clere Smithe. Cyber Kittens, or First Steps Towards Categorical Cybernetics</i> | <i>Micah Halter, Evan Patterson, Andrew Baas and James Fairbanks. Compositional Scientific Computing with Catlab and SemanticModels</i> | 1600: Community Values | <i>Andre Kornell, Bert Lindenhovius and Michael Mislove. Quantum CPOs</i> |
| 1640 – 1700 | <i>Swaraj Dash and Sam Staton. A Monad for Probabilistic Point Processes</i> | <i>Georgios Bakirtzis, Christina Vasilakopoulou and Cody Fleming. Compositional Cyber-Physical Systems Modeling</i> | Industry Showcase | | <i>Vladimir Zamdzhiev. Computational Adequacy for Substructural Lambda Calculi</i> |
| | Break | Break | | Break | Break |
| 1710 – 1730 | <i>Callum Reader. Measures and Enriched Categories</i> | <i>Gioele Zardini, David I. Spivak, Andrea Censi and Emilio Frazzoli. A Compositional Sheaf-Theoretic Framework for Event-Based Systems</i> | | 1715: ACT Business Meeting | <i>Luigi Santocanale. Dualizing Sup-preserving endomaps of a complete lattice</i> |
| 1735 – 1755 | <i>Dan Shiebler. Categorical Stochastic Processes and Likelihood</i> | <i>Joseph Razavi and Andrea Schalk. Gandy Machines Made Easy via Category Theory</i> | | | <i>Richard Statman. Products in a category with only one object</i> |
| | | | | 1830: Compositionality AGM | Zoom Social |
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| Session 3 | Chair: Tobias Fritz | Chair: Emily Riehl | | Chair: Michael Shulman | |
| 2000 – 2035 | <i>Jade Master and John Baez. Open Petri Nets</i> | <i>David Jaz Myers. Double Categories of Open Dynamical Systems</i> | Poster Session | <i>Henry Adams, Johnathan Bush and Joshua Mirth. Operations on Metric Thickenings</i> | |
| 2040 – 2100 | <i>Joe Moeller, John Baez and John Foley. Petri nets with catalysts</i> | <i>John Baez and Kenny Courser. Coarse-graining open Markov processes</i> | | <i>Brendan Fong, David Jaz Myers and David I. Spivak. Behavioral Mereology: A Modal Logic for Passing Constraints</i> | |
| | Break | Break | | Break | |
| 2110 – 2130 | <i>John Nolan and Spencer Breiner. Symmetric Monoidal Categories with Attributes</i> | <i>David I. Spivak. Poly: An abundant categorical setting for mode-dependent dynamics</i> | | <i>Geoffrey Cruttwell, Jonathan Gallagher and Dorette Pronk. Categorical semantics of a simple differential programming language</i> | |
| 2135 – 2155 | <i>Dmitry Vagner, David I. Spivak and Evan Patterson. Wiring diagrams as normal forms for computing in symmetric monoidal categories</i> | <i>Daniel Cicala. Rewriting Structured Cospans</i> | | <i>Rocco Gangle, Gianluca Caterina and Fernando Tohme. A Generic Figures Reconstruction of Peirce's Existential Graphs (Alpha)</i> | |