

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