

Keynote (35 minutes)	Monday July 6	Tuesday July 7	Wednesday July 8	Thursday July 9	Friday July 10
Regular (20 minutes)					
<b>All times UTC</b>					
<b>Session 1</b>	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, Mehmoosh 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	<b>1125 start: Joachim Kock. Whole-grain Petri nets and processes</b>	<b>Mario Román. Open Diagrams via Coend Calculus</b>	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
1205 – 1210	Break	Break	Break	Break	Break
1210 – 1230	<b>Jules Hedges. Non-compositionality in categorical systems theory</b>	<b>Bryce Clarke. A diagrammatic approach to symmetric lenses</b>	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	<b>Matthew Wilson, James Hefford, Guillaume Boisseau and Vincent Wang. The Safari of Update Structures: Visiting the Lens and Quantum Enclosures</b>	<b>Michael Johnson and Robert Rosebrugh. The more legs the merrier: A new composition for symmetric (multi-)lenses</b>	<b>Jules Hedges and Philipp Zahn. Open games in practice</b>	<b>Paul Wilson and Fabio Zanasi. Reverse Derivative Ascent: A Categorical Approach to Learning Boolean Circuits</b>	Marco Benini, Marco Perin, Alexander Alexander Schenkel and Lukas Woike. Categorification of algebraic quantum field theories
<b>Session 2</b>	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>	<b>Toby St Clare Smithe. Cyber Kittens, or First Steps Towards Categorical Cybernetics</b>	Micah Halter, Evan Patterson, Andrew Baas and James Fairbanks. Compositional Scientific Computing with Catlab and SemanticModels	<b>1600: Community Values</b>	<i>Andre Kornell, Bert Lindenhovius and Michael Mislove. Quantum CPOs</i>
1640 – 1700	<b>Swaraj Dash and Sam Staton. A Monad for Probabilistic Point Processes</b>	<b>Georgios Bakirtzis, Christina Vasilakopoulou and Cody Fleming. Compositional Cyber-Physical Systems Modeling</b>	<b>Industry Showcase</b>		<i>Vladimir Zamdzhiev. Computational Adequacy for Substructural Lambda Calculi</i>
1705 – 1710	Break	Break			Break
1710 – 1730	<b>Callum Reader. Measures and Enriched Categories</b>	<b>Gioele Zardini, David I. Spivak, Andrea Censi and Emilio Frazzoli. A Compositional Sheaf-Theoretic Framework for Event-Based Systems</b>		<b>1715: ACT Business Meeting</b>	<i>Luigi Santocanale. Dualizing Sup-preserving endomaps of a complete lattice</i>
1735 – 1755	<b>Dan Shiebler. Categorical Stochastic Processes and Likelihood</b>	<b>Joseph Razavi and Andrea Schalk. Gandy Machines Made Easy via Category Theory</b>	<i>Richard Statman. Products in a category with only one object</i>		
				<b>1830: Compositionality AGM</b>	<b>Zoom Social</b>
<b>Session 3</b>	Chair: Tobias Fritz	Chair: Mike Shulman		Chair: John Baez	
2000 – 2035	<b>Jade Master and John Baez. Open Petri Nets</b>	<b>David Jaz Myers. Double Categories of Open Dynamical Systems</b>	<b>Poster Session</b>	<i>Henry Adams, Johnathan Bush and Joshua Mirth. Operations on Metric Thickenings</i>	
2040 – 2100	<b>Joe Moeller, John Baez and John Foley. Petri nets with catalysts</b>	<b>John Baez and Kenny Courser. Coarse-graining open Markov processes</b>		<i>Brendan Fong, David Jaz Myers and David I. Spivak. Behavioral Mereology: A Modal Logic for Passing Constraints</i>	
2105 – 2110	Break	Break		Break	
2110 – 2130	<b>John Nolan and Spencer Breiner. Symmetric Monoidal Categories with Attributes</b>	<b>David I. Spivak. Poly: An abundant categorical setting for mode-dependent dynamics</b>		<i>Geoffrey Cruttwell, Jonathan Gallagher and Dorette Pronk. Categorical semantics of a simple differential programming language</i>	
2135 – 2155	<b>Dmitry Vagner, David I. Spivak and Evan Patterson. Wiring diagrams as normal forms for computing in symmetric monoidal categories</b>	<b>Daniel Cicala. Rewriting Structured Cospans</b>		<i>Rocco Gangle, Gianluca Caterina and Fernando Tohme. A Generic Figures Reconstruction of Peirce's Existential Graphs (Alpha)</i>	