

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)	<i>Bryce Clarke, Derek Elkins, Jeremy Gibbons, Fosco Loregian, Bartosz Milewski, Emily Pillmore and <b>Mario Román</b>. Profunctor Optics, a Categorical Update</i>	<i>Lachlan McPheat, Mehrnoosh Sadrzadeh, <b>Hadi Wazni</b> and Gijs Wijnholds. Categorical Vector Space Semantics for Lambek Calculus with a Relevant Modality</i>	<i><b>Nicolas Blanco</b> and Noam Zeilberger. Bifibrations of Polycategories and Classical Linear Logic</i>	<i><b>Martha Lewis</b>. Towards logical negation in compositional distributional semantics</i>
1140 – 1200	<i><b>1125 start: Joachim Kock</b>. Whole-grain Petri nets and processes</i>	<i><b>Mario Román</b>. Open Diagrams via Coend Calculus</i>	Giovanni de Felice, <b>Alexis Toumi</b> and Bob Coecke. DisCoPy: Monoidal Categories in Python	<i><b>Christine Tasson</b> and Martin Hyland. The linear-non-linear substitution 2-monad</i>	Bob Coecke, Giovanni de Felice, <b>Konstantinos Meichanetzidis</b> , Alexis Toumi, Stefano Gogioso and Nicolo Chiappori. Quantum Natural Language Processing
1205 – 1210	Break	Break	Break	Break	Break
1210 – 1230	<i><b>Jules Hedges</b>. Non-compositionality in categorical systems theory</i>	<i><b>Bryce Clarke</b>. A diagrammatic approach to symmetric lenses</i>	Robert Atkey, Bruno Gavranović, Neil Ghani, Clemens Kupke, <b>Jeremy Ledent</b> and Fredrik Nordvall Forsberg. Compositional Game Theory, Compositionally	<i>Tarmo Uustalu, <b>Niccolò Veltri</b> and Noam Zeilberger. Proof Theory of Partially Normal Skew Monoidal Categories</i>	<i><b>Giovanni de Felice</b>, Elena Di Lavore, Mario Román and Alexis Toumi. Functorial Language Games for Question Answering</i>
1235 – 1255	<b>Matthew Wilson</b> , James Hefford, Guillaume Boisseau and <b>Vincent Wang</b> . The Safari of Update Structures: Visiting the Lens and Quantum Enclosures	<b>Michael Johnson</b> and Robert Rosebrugh. The more legs the merrier: A new composition for symmetric (multi-)lenses	<i><b>Jules Hedges</b> and Philipp Zahn. Open games in practice</i>	Paul Wilson and Fabio Zanasi. Reverse Derivative Ascent: A Categorical Approach to Learning Boolean Circuits	Marco Benini, <b>Marco Perin</b> , 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	<i>Tobias Fritz, <b>Tomáš Gonda</b>, Paolo Perrone and Eigil Rischel. Distribution functors, second-order stochastic dominance and the Blackwell--Sherman--Stein Theorem in Categorical Probability</i>	<i><b>Toby St Clere Smithe</b>. Cyber Kittens, or First Steps Towards Categorical Cybernetics</i>	Micah Halter, Evan Patterson, Andrew Baas and <b>James Fairbanks</b> . Compositional Scientific Computing with Catlab and SemanticModels	<b>1600: Community Values</b>	<i>Andre Kornell, <b>Bert Lindenhovius</b> and Michael Mislove. Quantum CPOs</i>
1640 – 1700	<i><b>Swaraj Dash</b> and Sam Staton. A Monad for Probabilistic Point Processes</i>	<i><b>Georgios Bakirtzis</b>, Christina Vasilakopoulou and Cody Fleming. Compositional Cyber-Physical Systems Modeling</i>	<b>Industry Showcase</b>		<i><b>Vladimir Zamdzhiev</b>. Computational Adequacy for Substructural Lambda Calculi</i>
1705 – 1710	Break	Break		Break	Break
1710 – 1730	<i><b>Callum Reader</b>. Measures and Enriched Categories</i>	<i><b>Gioele Zardini</b>, David I. Spivak, Andrea Censi and Emilio Frazzoli. A Compositional Sheaf-Theoretic Framework for Event-Based Systems</i>		<b>1715: ACT Business Meeting</b>	<i><b>Luigi Santocanale</b>. Dualizing Sup-preserving endomaps of a complete lattice</i>
1735 – 1755	<i><b>Dan Shiebler</b>. Categorical Stochastic Processes and Likelihood</i>	<i><b>Joseph Razavi</b> and Andrea Schalk. Gandy Machines Made Easy via Category Theory</i>			<i><b>Richard Statman</b>. Products in a category with only one object</i>
				<b>1830: Compositionality AGM</b>	<b>Zoom Social</b>
Session 3	Chair: Tobias Fritz	Chair: Mike Shulman		Chair: John Baez	
2000 – 2035	<i><b>Jade Master</b> and John Baez. Open Petri Nets</i>	<i><b>David Jaz Myers</b>. Double Categories of Open Dynamical Systems</i>	<b>Poster Session</b>	<i>Henry Adams, <b>Johnathan Bush</b> and Joshua Mirth. Operations on Metric Thickenings</i>	
2040 – 2100	<i><b>Joe Moeller</b>, John Baez and John Foley. Petri nets with catalysts</i>	<i><b>John Baez</b> and Kenny Courser. Coarse-graining open Markov processes</i>		<i>Brendan Fong, <b>David Jaz Myers</b> and David I. Spivak. Behavioral Mereology: A Modal Logic for Passing Constraints</i>	
	Break	Break		Break	
2110 – 2130	<i><b>John Nolan</b> and Spencer Breiner. Symmetric Monoidal Categories with Attributes</i>	<i><b>David I. Spivak</b>. Poly: An abundant categorical setting for mode-dependent dynamics</i>		<i>Geoffrey Cruttwell, <b>Jonathan Gallagher</b> and Dorette Pronk. Categorical semantics of a simple differential programming language</i>	
2135 – 2155	<i><b>Dmitry Vagner</b>, David I. Spivak and Evan Patterson. Wiring diagrams as normal forms for computing in symmetric monoidal categories</i>	<i><b>Daniel Cicala</b>. Rewriting Structured Cospans</i>		<i><b>Rocco Gangle</b>, Gianluca Caterina and Fernando Tohme. A Generic Figures Reconstruction of Peirce's Existential Graphs (Alpha)</i>	