	Monday July 6	Tuesday July 7	Wednesday July 8	Thursday July 9	Friday July 10
Keynote (35 minutes)					
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	***1125 start**: **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*
1205 – 1210	*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*
1705 – 1710	*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: Mike Shulman		Chair: John Baez	
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*	
2105 – 2110	*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)*	