

Philosophy of Logic, Mathematics, and Physics Graduate Conference

June 11-12, 2022

Department of Philosophy, Stevenson Hall, Room 1145

With **Keynote** Address from **Craig Callender** (University of California, San Diego)
“Keeping Quantum Mechanics Real: Complex Numbers, Time Reversal, and Schrödinger’s First Equation”

Held in conjunction with the *QISS Conference* (June 6-10, 2022)

June 11, 2022

- 9:30am Kabir Bakshi (Merton College, University of Oxford), “Dualities and Empirical Equivalence”
- 10:45am Fabian Pregel (University of Oxford), “Neo-Logicism and Gödelian Incompleteness”
- 11:45am Lunch**
- 1:00pm Mingkun Chen (University of Cambridge), “Are Dispositions Instrumentalist? A Realist’s Reply on Quantum Ontology”
- 2:15pm Francisco Calderón (University of Michigan, Ann Arbor), “The Causal Axioms of Algebraic Quantum Field Theory: A Diagnostic”
- 3:30pm Craig Callender (University of California, San Diego), “Keeping Quantum Mechanics Real”**
- 6:30pm Dinner**

June 12, 2022

- 9:30am Daniel Grimmer (University of Oxford), “A Dynamical Approach to Spacetime without Manifold”
- 10:45am Eugene Chua (University of California, San Diego), “T Falls Apart: On the Status of Classical Temperature in Relativity”
- 11:45am Lunch**
- 1:00pm Tanner Leighton (University of Pittsburgh), “Can Pragmatism about Quantum Theory be Extended Beyond Non-Relativistic Quantum Mechanics?”
- 2:15pm Xinhe Wu (Massachusetts Institute of Technology), “A Theory of Boolean Valued Models”
- 3:15pm Awarding of the Robert K. Clifton Memorial Book Prize**

The LMP Graduate Conference is supported by the Canadian Journal of Philosophy, Rotman Institute of Philosophy, Department of Philosophy, Department of Mathematics, Department of English and Writing Studies, Western’s Society of Graduate Students (SOGS), School of Graduate & Postgraduate Studies, and Western Research.

For more information, please visit www.logicmathphysics.uwo.ca

