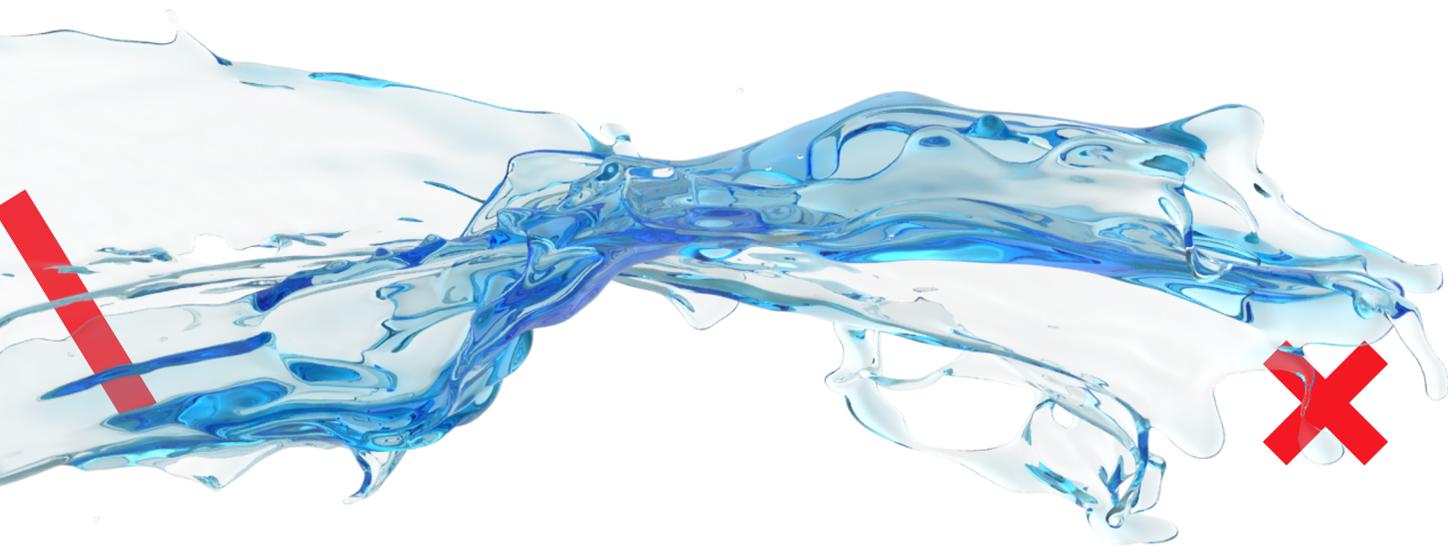


# Quantum Mechanics: Paradigm or Ontology of Nature?

2nd Annual Phenomenological  
Approaches to Physics Conference



SEPTEMBER 26-28  
STONY BROOK UNIVERSITY, SUNY

# 26 SEPTEMBER

## SUBJECT, OBJECT, AND RELATIONAL ONTOLOGY

- 8:00** Registration and Convening
- 8:30** Welcome remarks:  
Robert Crease and SPPS
- 8:45** **Keynote:** Harald Wiltsche (Linköping University)  
"Description, Intentionality, and Symbolic Construction.  
Phenomenology and the Scientific Realism Debate."
- 10:30** Quentin Ruyant (Universidad Nacional  
Autónoma de México)  
"On the Relationship between Stances and Formulations  
in Quantum Mechanics."
- 11:30** Prasenjit Biswas (North-Eastern Hill University)  
"Indeterminacy and Underdetermination in Quantum  
Interpretations: The Possibility of a Knowing Subject."
- 12:30** Mohammed Sanduk (University of Surrey)  
"Is the complex function a phenomenon?"
- 1:30** **Lunch Break**
- 2:45** **Keynote:** Michael Epperson (California State  
University, Sacramento)  
"Subject, Object, and Ontological Process in Quantum  
Mechanics."
- 4:30** Zhen Liang (DePaul University)  
"Bohr, Heisenberg, and Whitehead: towards a  
Reconception of Matter as Process in Quantum  
Mechanics."
- 5:15** Alicja Pietras (University of Silesia)  
"Processual and Relational Ontology as a Proposal for  
Physics."
- 6:30** **Welcome Reception at HICS.**

# 27 SEPTEMBER

## LIFEWORLD, LANGUAGE AND TECHNE

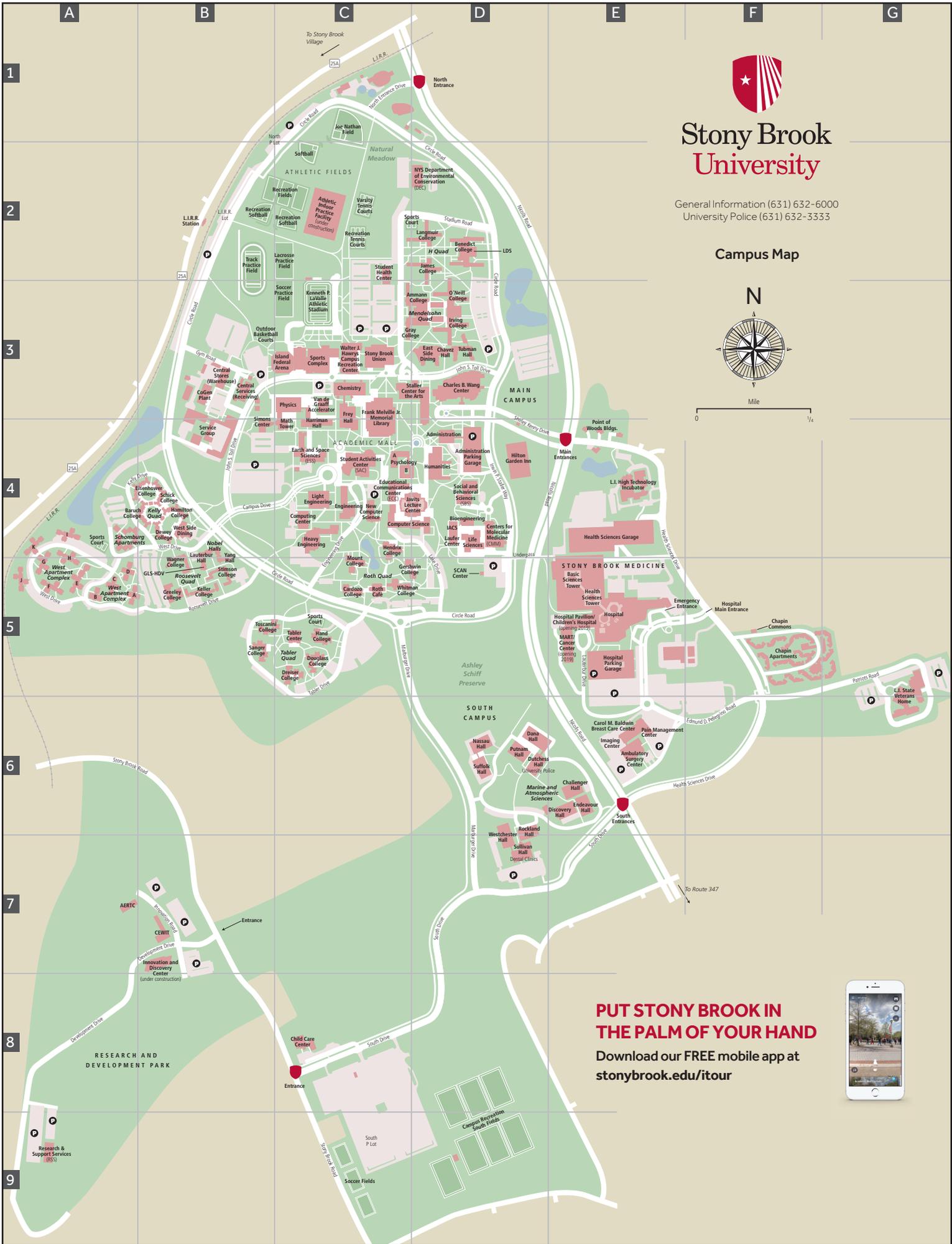
- 8:00** Registration and Convening
- 8:45** **Keynote:** Michel Bitbol (École Normale Supérieure)  
"Is the life-world reduction sufficient in quantum physics?"
- 10:30** Gregor Bös (King's College London)  
"Does a conservative reading of Husserl's lifeworld lead to instrumentalism?"
- 11:15** Kevin Mager (Loyola University Chicago)  
"Heisenbergian Explanation and Husserlian Evidence: Ontological Significance in Idealized Language."
- 12:00** Arezoo Islami (San Francisco State University)  
"On the Constitution of Modern Physics: A Phenomenological Approach."
- 1:00** **Lunch Break**
- 2:15** Tina Bilban (Institute Nova Revija)  
"Informational Foundations of Quantum Theory: Critical Reconsideration from the Point of View of a Phenomenologist."
- 3:15** Val Dusek (University of New Hampshire)  
"Crisis in Physics and Return to Origins: Heisenberg, Heidegger, and the Presocratics."
- 4:30** Paul Goldberg (Boston University)  
"Heidegger's Technological Conception of Quantum Physics."
- 5:15** Damiano Sacco (Institute for Cultural Inquiry Berlin)  
"Shifting Presence: The Contribution to and from Heidegger."

# 28 SEPTEMBER

## MEASUREMENT, PERCEPTION, AND BELIEF

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- 8:30** Registration and Convening
- 8:45** Jacques Pienaar (University of Massachusetts Boston)  
"QBism: Inter-subjective Objectivity from Subjective Reality."
- 9:45** Philipp Berghofer (University of Graz)  
"Participatory Realism: Phenomenological Motifs in Wheeler and QBism."
- 10:45** Laura de la Tremblaye (École Normale Supérieure)  
"QBism: A Way to Consider Quantum Mechanics Phenomenologically."
- 11:30** Urban Kordeš (University of Ljubljana)  
"What are the measurement characteristics of the reflective act?"
- 12:30** Philip Goyal (SUNY Albany)  
"Persistence and Nonpersistence as Complementary Models of Identical Quantum Particles."
- 1:30** **Lunch Break**
- 2:30** Pablo Pellegrini (Università degli Studi di Trento)  
"Merleau-Ponty's Phenomenological Perspective on Quantum Mechanics."
- 3:15** Baxter Jephcott (Stony Brook University)  
"On the Convergences between Simondon's Theory of Ontogenesis and the De Broglie-Bohm Interpretation of Quantum Theory."
- 4:00** **End Conference**



# Stony Brook University

General Information (631) 632-6000  
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## Campus Map



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