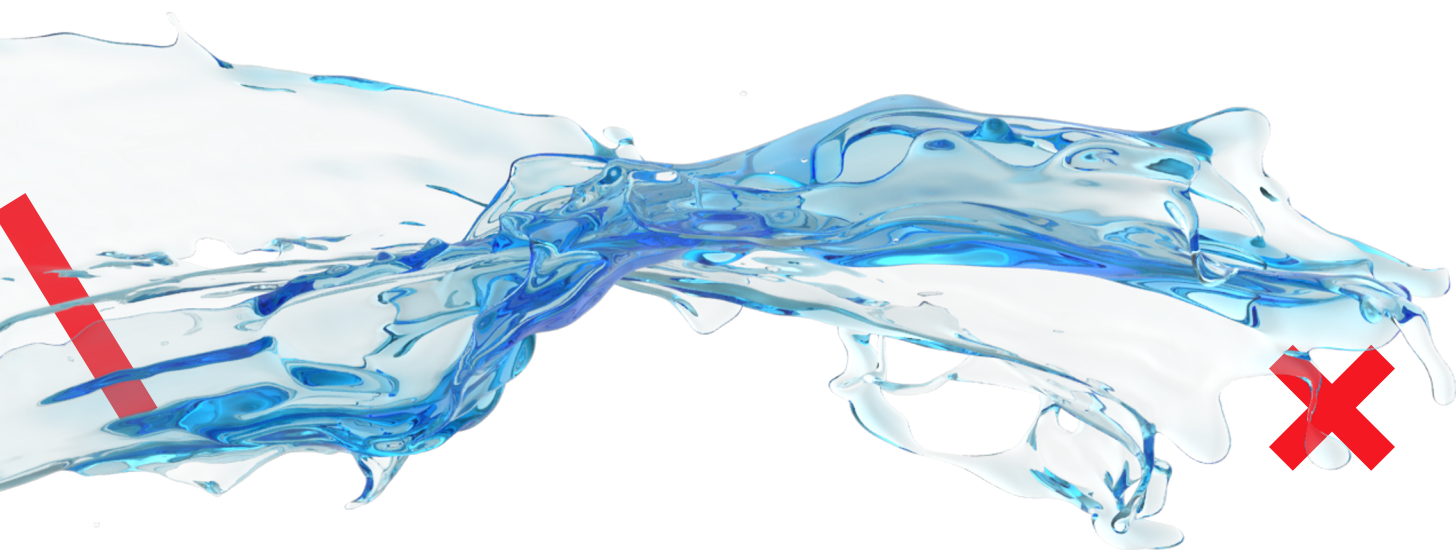


Quantum Mechanics: Paradigm or Ontology of Nature?

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

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."

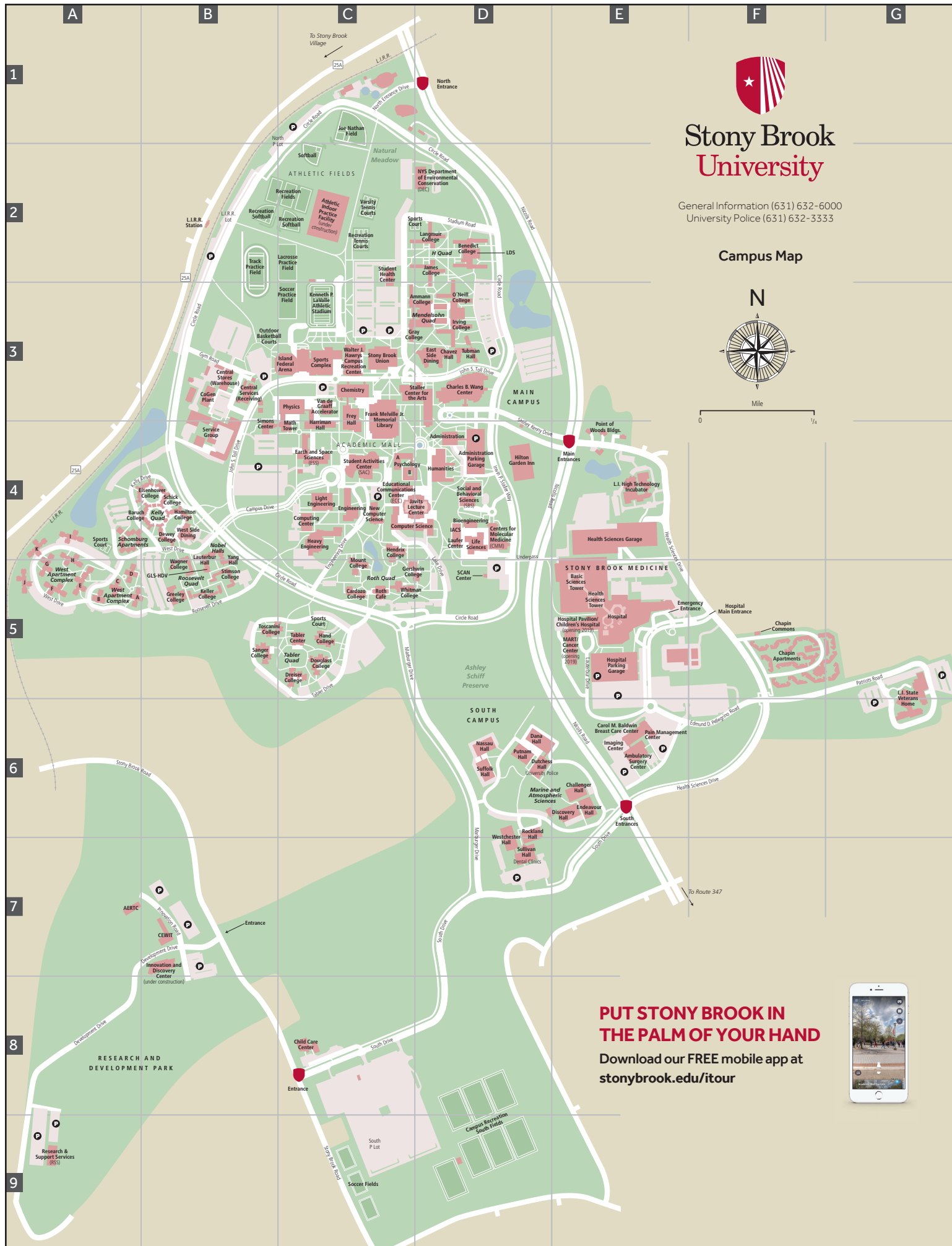
3:15

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

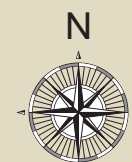
End Conference



Stony Brook University

General Information (631) 632-6000
University Police (631) 632-3333

Campus Map



**PUT STONY BROOK IN
THE PALM OF YOUR HAND**

Download our FREE mobile app at
stonybrook.edu/itour





Stony Brook
University

supported by:

FAHSS Interdisciplinary Grant

Department of Philosophy

Department of English

Department of Art

Institute of Physics

Center for Inclusive Education

Office for Student Affairs

