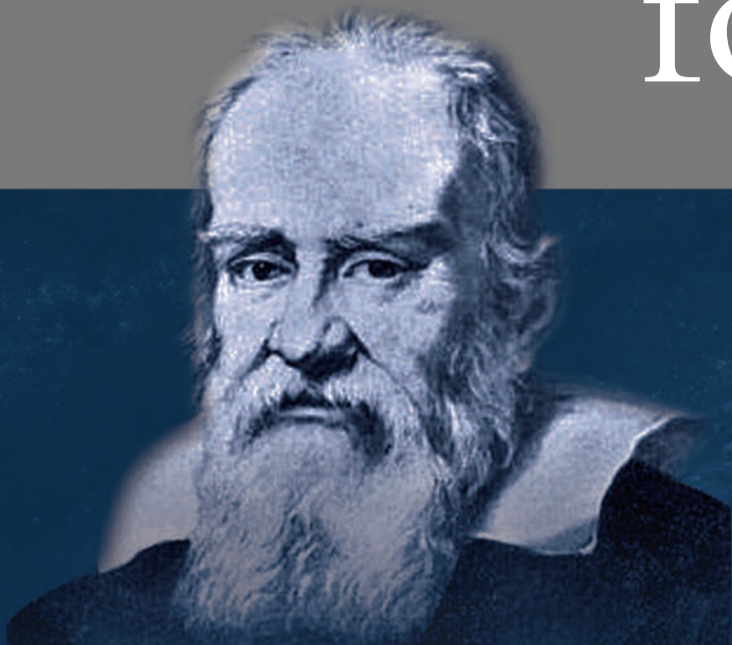


Boston Colloquium for Philosophy of Science



Multi-Model Approaches in the Sciences

Friday, October 10th, 2014

The Castle
225 Bay State Rd.

3pm - 6pm

Pathways to Conceptual Innovation: Multi-Model Approaches in Neuro-Engineering Sciences

Nancy J. Nersessian
Psychology, Harvard University

Currents in the Gene Pool: What Multi-Model Approaches Can Tell Us About Bacterial 'Species'

William Hanage
Epidemiology, Harvard University

Local High-Resolution Climate Projections: Why a Multi-Model Approach Doesn't Help

Roman Frigg
Philosophy, Logic & Scientific Method, LSE

*The Robert S. Cohen Forum**

Galileo 450th Anniversary*

Friday, October 17th, 2014

Photonics Colloquium Room (906)
9th Floor, Photonics Center
8 St. Mary's Street

1pm - 4pm

Galileo and the Laws of Nature

Dan Garber
Philosophy, Princeton University

The Galilean Tradition and Newtonian Mechanics

Zvi Biener
Philosophy, University of Cincinnati

Galileo's Laughter: Knowledge, Play and Consequences

Paula Findlen
History, Stanford University

The festivities continue at 5pm with a reception and tour of the Collection of Historical Scientific Instruments at Harvard University starting in Science Center Room 252, 1 Oxford Street, Cambridge, MA. The highlight will be a presentation on "Galileo's Geometrical and Military Compass: Job Hunting Like an Engineer," by the Curator, Dr. Sara Schechner. Sponsored by the Harvard Department of the History of Science. Directions at chsi.harvard.edu.

* Supported by the Boston University Center for the Humanities

Philosophy of Paleontology

Friday, November 21st, 2014

The Castle
225 Bay State Rd.

2pm - 6pm

What is a Fossil?

Derek Turner
Philosophy, Connecticut College

Fossil Preparators and the Construction of Paleontological Specimens and Knowledge

Caitlin Wylie
STS, New Jersey Institute of Technology

Exploring the Complicated Role of Evolutionary Modeling in Paleobiological Research

Patrick Forber
Philosophy, Tufts

What Use Are Species Concepts in Paleobiology? The Mystery of the Triceratops's Mother

Adrian Currie
Philosophy, University of Calgary

100th Anniversary of General Relativity†

Co-Sponsored by the Center for Einstein Studies

Friday, March 27th, 2015

The Castle
225 Bay State Rd.

9:30am - 12:30pm

"No Success Like Failure..." Einstein's Quest for General Relativity 1907-1920

Michel Janssen
History of Science, Technology, and
Medicine, University of Minnesota

Inertial Thinking? A Fresh Look at the Equivalence Principle

Eleanor Knox
Philosophy, Kings College London

Background Independence: The Hole Story

John Stachel
Center for Einstein Studies,
Boston University

Powers of One: Einstein and Unimodular Invariance

Kača Bradonjić
Physics, Wellesley College

2pm - 6pm

Einstein, Hilbert, and the Search for Generally Covariant Field Equations

Katherine Brading
Philosophy, University of Notre Dame

Einstein's Culminating Paper: The Foundation of General Relativity

Jürgen Renn
Max Planck Institute, Berlin

The Einstein Challenge for Differential Geometry: The Case of Weyl and Cartan

Erhard Scholz
Mathematics & Natural Sciences,
University of Wuppertal

Einstein and the Development of 20th Century Philosophy of Science

Don Howard
Philosophy, University of Notre Dame

†Supported by the Boston University Jewish Cultural Endowment

The Alfred I. Tauber Forum

Scientific Pluralism

Friday, April 10th, 2015

The Castle
225 Bay State Rd.

3pm - 6pm

Cancer: Disunified Kind, Unified Explanation

Anya Plutynski
Philosophy, Washington University in St. Louis

Mind the Gap: Explanatory Pluralism and Evolutionary Explanations of Human Behavior

Subrena Smith
Philosophy, University of New Hampshire

Pluralism and the Progress of Science

Hasok Chang
History & Philosophy of Science
University of Cambridge

Diversity, Plasticity, and the Science of Sexuality*

*Co-Sponsored by the Biology Department and
Women's, Gender, and Sexuality Studies*

Friday, April 24th, 2015

Photonics Colloquium Room (906)
9th Floor, Photonics Center
8 St. Mary's Street

9:30am - 12:30pm

Development, Evolution, and the Diversity of Non-Reproductive Sexual Behavior: An Introduction

Karen Warkentin
Biology, Boston University

Sexuality at the Nature-Culture Divide: Historical Lessons

Erika Milam
History, Princeton University

The Evolution of Male Same-Sex Sexuality: Lessons from the Samoan Fa'afafine and Japanese Macaques

Paul Vasey
Psychology, University of Lethbridge - Alberta

2pm - 6pm

Sexual Fluidity in Women and Men: What Is the Relevant Time Scale?

Lisa Diamond
Psychology, University of Utah

Sexual Selection: How Do We Interpret Plasticity and Flexibility in Mate Choice and Beyond?

Malin Ah-King
History, Humboldt University of Berlin

Sexuality Beyond the Nature-Culture Divide: Philosophical Lessons

Helen Longino
Philosophy, Stanford

Round Table Discussion

* Supported by a grant from the College of Arts & Sciences

For further information and updates,
visit our website: www.bu.edu/cphs.

The Boston University
Center for Philosophy
& History of Science was
founded in 1960 as an
interdepartmental, inter-
university forum on the
nature of science. For over
50 years the Colloquium
has fostered the Center's
goal of building interdisci-
plinary bridges between
the humanities and sciences
by bringing together the
world's leading scholars
in the philosophy, history,
and social studies of science
in an annual lecture series.

All lectures are free and open to
the public. Selected proceedings
of the colloquia are published by
Springer in the series *Boston Studies*
in the *Philosophy of Science*.

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Ada Lovelace (1815-1852)
Photograph: Hulton Archive/Getty Images

2014-2015

55th Annual Program