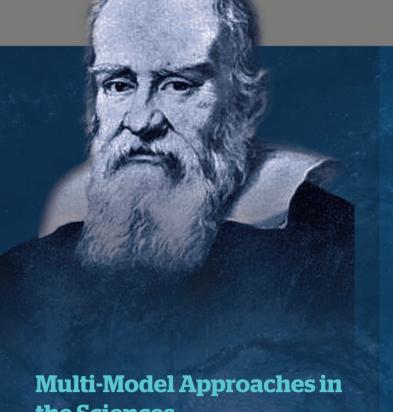
Boston Colloquium for Philosophy of Science



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

<u>1pm - 4pm</u>

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**

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

Kaća Bradonjić

Physics, Wellesley College

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.

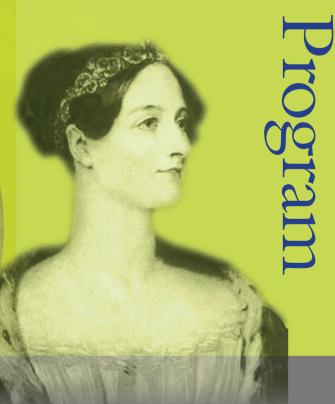
Center for Philosophy & History of Science was founded in 1960 as an interdepartmental, interuniversity forum on the nature of science. For over 50 years the Colloquium has fostered the Center's goal of building interdisciplinary bridges between the humanities and sciences by bringing together the world's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

The Boston University

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.

Alisa Bokulich Director Center for Philosophy & History of Science Boston University

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