

SECOND IRVINE-PITTSBURGH-PRINCETON CONFERENCE ON THE MATHEMATICAL AND CONCEPTUAL FOUNDATIONS OF PHYSICS

Organizing committee: Jeff Barrett (Irvine), Hans Halvorson (Princeton), Giovanni Valente (Pittsburgh), and Jim Weatherall (Irvine).

Keynote address: Charlotte Werndl (LSE), "Justifying Typicality Measures of Boltzmannian Statistical Mechanics and Dynamical Systems"

Call for Papers

Over the past decades, philosophers of physics and others have made important contributions to the mathematical and conceptual foundations of physical theories by critically analyzing how the mathematical structures of such theories inform central philosophical concerns, and in some cases by proving new theorems of high philosophical interest. This conference, the second in a series, aims to bring together physicists, mathematicians, and philosophers of physics working on such technical issues. The event will be held March 20-21, 2014 at the University of California, Irvine. It will immediately precede a workshop on the Foundations of Gauge Theories taking place March 21-23, 2014 (<http://www.lps.uci.edu/node/24850>). Speakers for the workshop tentatively include Gordon Belot (Michigan), Katherine Brading (Notre Dame), Richard Healey (Arizona), and Michael Müger (Radboud). Papers by younger researchers, especially graduate students and post-doctoral scholars, are particularly encouraged and will be given priority. Papers of no longer than 5000 words should be submitted via EasyChair (<https://www.easychair.org/conferences/?conf=ipp2014>) by December 20, 2013. Decisions will be communicated by February 1, 2014.

For more information on this event, please see the conference website, at <http://www.lps.uci.edu/node/24849>.