



Cosmology:

PHYSICS AND PHILOSOPHICAL PERSPECTIVES

April 20, 2005 • Center for Continuing Education • University of Notre Dame

Room 100 p z u q s r t s

Time	Title	Speaker
9:00 AM	Welcome & Opening Remarks	A. Aprahamian, Notre Dame
9:30 AM	The Snake Biting its Tail – Fundamental Physics and the Universe	I. Bigi, Notre Dame
10:20 AM	Coffee	
11:00 AM	Spacetime as a Causal Set: A Philosophers Introduction	J. Butterfield, Oxford
12:00 PM	Lunch Break	
2:00 PM	Hunting Dark Energy	P. Garnavich, Notre Dame
2:50 PM	Are Multiverses Legitimate Objects of Scientific Cosmology?	W. Stoeger, Arizona
3:40 PM	Coffee	
4:00 PM	A Cognizable Universe: Transcendental Arguments in Physical Cosmology	Y. Balashov, Georgia
4:50 PM	Rods, Clocks and Photons in General Relativity and a Recent Modification	H. Brown, Oxford
5:40 PM	The Preposterous Universe	S. Carroll, Chicago
6:30 PM	Closing Remarks	D. Howard, Notre Dame

FEATURED SPEAKERS:

Yuri Balashov, Department of Philosophy, University of Georgia, USA • Ikaros Bigi, Department of Physics, University of Notre Dame, USA
 Harvey Brown, Faculty of Philosophy and Wolfson College, Oxford University • Jeremy Butterfield, Faculty of Philosophy and All Souls College, Oxford University
 Sean Carroll, Department of Physics, University of Chicago, USA • Peter Garnavich, Department of Physics, University of Notre Dame, USA
 Joel Primack, Department of Physics, University of California, USA • Bill Stoeger, Vatican Observatory, University of Arizona, USA

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