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2005–06 WINTER MEETING OF THE ASSOCIATION FOR SYMBOLIC LOGIC

The Hilton New York Hotel
New York, NY
December 27–29, 2005

A Winter Meeting of the Association of Symbolic Logic was held December 27–29, 2005 in New York at the Hilton New York Hotel, in conjunction with the annual meeting of the Eastern Division of the American Philosophical Association. The Program Committee consisted of Melvin Fitting, Haim Gaifman (Chair), and Alasdair Urquhart. The ASL hosted a reception on the evening of December 28th.

The program included six invited one-hour talks, divided into two sessions:

Recent Developments in Computer Science and Set Theory and their Philosophical Implications
Sergei Artemov (CUNY Graduate Center), *Computer-aided proofs and their significance*.
Peter Koellner (Harvard University), *Foundational aspects of modern set theory*.
Michael Rabin (Harvard University), *Randomization and non-transferable proofs*.

Foundational Issues in Modern History of Mathematics and Logic
Jeremy Avigad (Carnegie Mellon University), *Methodology and metaphysics in the development of Dedekind's theory of ideals*.
Wilfried Sieg (Carnegie Mellon University), *Hilbert's finitism and reductive structuralism*.
William Tait (University of Chicago), *The concept of intuition in Hilbert's program and its later extensions*.

The program also included twenty-four contributed papers presented by logicians from the US and abroad.

Abstracts of the invited talks and contributed talks given (in person or by title) by members of the Association for Symbolic Logic follow.

For the Program Committee
HAIM GAIFMAN

Abstracts of invited talks in the session on Foundational Issues in Modern History of Mathematics and Logic

► JEREMY AVIGAD, *Methodology and metaphysics in the development of Dedekind's theory of ideals*.
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