2006–07 WINTER MEETING OF THE ASSOCIATION FOR SYMBOLIC LOGIC

New Orleans Marriott and Sheraton New Orleans
New Orleans, Louisiana
January 7–8, 2007

A Winter Meeting of the Association of Symbolic Logic was held January 7–8, 2007 in New Orleans at the New Orleans Marriot and Sheraton New Orleans Hotels in conjunction with the annual Joint Mathematics Meetings. The Program Committee consisted of Timothy Carlson, Charles Delzell, and Marcia Groszek (Chair). The program included seven invited 50-minute talks and ten contributed talks. The ASL hosted a reception on the evening of January 7th in the Sheraton Hotel. On January 5th, prior to the ASL meeting, there was a joint AMS-ASL Special Session, **Logical Methods in Computational Mathematics**, organized by Saugata Basu and Charles Delzell. On January 6th, also prior to the ASL meeting, an AMS-ASL-MAA Panel Discussion on **Contemporary Perspectives on Hilbert's Second Problem and the Gödel Incompleteness Theorems** was held, with Harvey Friedman, David E. Marker, and Michael Rathjen as the panelists and Akihiro Kanamori moderating.

The 50-minute invited addresses were:

Matthew Foreman (University of California at Irvine), *Classifying measure preserving transformations*.

Su Gao, (University of North Texas), *Countable group actions and hyperfinite equivalence relations*.

Valentina Harizanov (George Washington University), *Back and forth through computable model theory*.

Ulrich Kohlenbach (Darmstadt University of Technology), *Recent uses of proof theory in nonlinear analysis and geodesic geometry*.

Michael Rathjen (Ohio State University), *From Hilbert's programme to ordinal analysis*.

Reed Solomon (University of Connecticut), *Almost everywhere domination*.

Carol Wood (Wesleyan University), *Reducts of omega-categorical theories*.

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
MARCIA GROSZEK

Abstracts of invited talks

▶ MATTHEW FOREMAN, *Classifying measure preserving transformations*.
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