2008–2009 WINTER MEETING
OF THE ASSOCIATION FOR SYMBOLIC LOGIC

Marriott Wardman Park Hotel, Washington, DC
January 7–8, 2009

The 2008–09 Winter Meeting of Association of Symbolic Logic was held on January 7–8, 2009 at the Marriott Wardman Park hotel, in conjunction with the annual Joint Mathematical Meetings. The members of the Program Committee were Ali Enayat (Chair), Simon Thomas, and Rebecca Weber. The program consisted of six invited 50-minute talks and 12 contributed talks. The ASL hosted a welcoming reception on January 7 at the Marriott. In addition, there were two joint AMS-ASL Special Sessions. **Logic and Dynamical Systems**, organized by Stephen G. Simpson, was held during January 5–6; and **Model Theoretic Methods in Finite Combinatorics**, organized by Martin Grohe and Johann M. Makowsky, was held during January 6–7.

The 50-minute invited addresses were:

Barbara F. Csima (University of Waterloo), *Computable model theory*.

Inessa Epstein (California Institute of Technology), *Orbit equivalence and ergodic actions of countable groups*.

Rahim Moosa (University of Waterloo), *Jet spaces and the Zilber dichotomy*.

Christian Rosendal (University of Illinois at Chicago), *Descriptive set theory and the classification of separable Banach spaces*.

Jouko Väänänen (ILLC, Amsterdam, and University of Helsinki), *Set theoretic methods in model theory*.

Albert Visser (Utrecht University), *Can we make the Second Incompleteness Theorem coordinate free?*

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

ALI ENAYAT

Abstracts of invited talks

▶ BARBARA F. CSIMA, *Computable structure theory*.
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In computable structure theory, one examines various countably infinite structures (such as linear orderings and graphs) for their computability theoretic properties. For example, the standard theorem that any two countable dense linear orders without endpoints are