



## Preface

The Hydrogen Production Symposium at the American Chemical Society 234th National Meeting and Exposition, held in Boston from August 19 to 23, 2007, was a great success. Participation was excellent, with a broad range of presentations over the course of the ACS week. The event was designed to address four of the most pertinent issues involved in the development of a Hydrogen Economy, by way of individual research sessions:

- *Perspectives on Hydrogen Generation*, in which the research community discussed current challenges and paths forward to achieving large-scale hydrogen production, surveying both fossil and renewable sources.
- *Small-Scale Hydrogen Generation*, focused upon the unique challenges for portable conversion of fuels to hydrogen, ranging from reactor-scale to system-level design.
- *Desulfurization in Fuel Processing*, which remains a critical challenge for large-scale production of hydrogen from our existing variety of fossil fuels.
- *Catalysis in Fuel Processing*, to address the need for increasingly active and cost-effective catalysts for hydrogen production via steam reforming, partial oxidation, water-gas-shift, and similar routes.

We would like to thank the ACS Fuel Division organizers for another successful ACS conference, and to all of our contributors for their papers, timely submission, and efficient revision. The reviewers are acknowledged for their effective and thorough job. Finally, Editor Jerry Spivey and Rosie Malone from Elsevier deserve praise for their support and help during the process.

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