



## Preface

The 19th North American Catalysis Society Meeting (19 NAM) was held on May 22–27, 2005 in Philadelphia, Pennsylvania, USA. NAM meetings are held every 2 years and are hosted by one of the 14 local Catalysis Clubs in the United States, Canada, and Mexico. The Novel Compact Catalytic Reactor session was organized as part of the 19 NAM meeting to promote and disseminate knowledge in the field of novel reactor and reaction engineering. The session included three keynote lectures, nine oral presentations, and 19 posters. The topics of these presentations covered current research activities in novel reactor design, microreactors for catalyst discovery, compact reactors for energy generation and chemical processing, and reactor miniaturization. The contributions to this session provide the basis for this special issue of Catalysis Today. Several, additional papers submitted at the request of the Guest Editors are also included in this issue. We wish to express our appreciation to the keynote speakers, Professor Klavs Jensen (MIT, USA), Dr Volker Hessel (IMM, Germany), and Dr. Anna Lee Tonkovich (Velocys, USA) for their valuable

contributions. We are grateful to the reviewers for their cooperation and in-depth comments made to the submitted manuscripts. We gratefully acknowledge Professor Jerry Spivey, the Associate Editor of this journal, for his valuable advice. Finally, we would like to thank all of the authors for contributing original papers to this issue.

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