SPECIAL ISSUE

EDITORIAL ON THE POST-16TH IHPC
SPECIAL ISSUE OF HEAT PIPE SCIENCE AND TECHNOLOGY, AN INTERNATIONAL JOURNAL

Guest Editor
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(Guest Editor and Chair of the 16th International Heat Pipe Conference)

PREFACE

This special issue of Heat Pipe Science and Technology, An International Journal contains 10 articles that originate from communications presented at the 16th International Heat Pipe Conference (16IHPC) held in Lyon, France, May 20–24, 2012. This conference was organized under the auspices of the Committee on International Heat Pipe Conferences, the Chairman of which is Prof. Yuri Maydanik (ITP Ekaterinburg, Russia). The national organizing committee was composed of members of five of the most important academic research laboratories in the field of heat pipes in France, namely, CETHIL (Lyon), IUSTI (Marseille), IMFT (Toulouse), LAPLACE (Toulouse), and Pprime (Poitiers), all these five laboratories being associated with the French National Center for Scientific Research (CNRS).

Beyond that strong national academic involvement, the 16th IHPC also received major institutional support from INSA de Lyon (the upper engineering school that hosts CETHIL on the northern campus of Lyon), its subsidiary INSAVALOR, and from Region Rhône-Alpes in which the city of Lyon is located. Finally, the success of the 16th IHPC was also possible due to the implication of major industrial players in the field of heat pipes, namely, Euro Heat Pipes and CALYOS (Nivelles, Belgium), ATERM (Domène, France), and the THALES group, especially its subsidiary Thales Avionics (Valence, France).

The communications were first selected by the Committee on International Heat Pipe Conferences. The authors extended their papers that were then submitted to the peer-review process of the journal, which included at least two independent reviewers.

These articles are representative of the main topics presented through the four keynote lectures, 14 oral sessions, and two poster sessions of the confer-
ence. This includes some fundamental studies of thermal fluid science related to heat pipes or thermosyphons (e.g., Bajpai & Khandekar; Santos et al.; Ambrose), optimal or innovative design of heat pipes and analysis of heat pipe or thermosyphon performance (Dobson; Iwata et al.; Winter & Stephan; Kuroi & Nagano), remarkable technological developments (e.g., Wits et al.), or the use of heat pipes in a variety of applications (Berder et al.; Torres et al.).

As the Guest Editor of this special issue of *Heat Pipe Science and Technology, An International Journal*, I would like to thank the Begell House publication and production team as well as the editors-in-chief of HPST, Prof. Leonard Vasiliev and Prof. Marcia Mantelli, for providing the opportunity to publish this special issue with selected papers from the 16th IHPC. I also wish to express my gratitude to the reviewers of these papers for the quality of their reviews, and the authors for the efforts they made to fit with the requirements of the journal and the recommendations of the reviewers.

To conclude, I would like to note that the next International Heat Pipe Conference will be chaired by Prof. Sameer Khandekar and held in October 2013 in Kanpur, India, on the campus of the Indian Institute of Technology (IIT), Kanpur. This edition will mark the 40-year jubilee for the IHPC series, with 17 uninterrupted editions since 1973.

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