

Meeting Minutes

K-16 COMMITTEE ON HEAT TRANSFER IN ELECTRONIC EQUIPMENT

2009 Summer Heat Transfer and InterPACK Conferences

Westin St. Francis Hotel, San Francisco, CA, USA

Wednesday, July 22, 2009, 5:30-7:00, Mayfair Room

Chair, Amy Fleischer, Villanova University

Vice-Chair, Gamal Refai-Ahmed, AMD

Recording Secretary/Webmaster, Samuel Graham, Georgia Institute of Technology

Past President, Mike Ellsworth, IBM

Other Attendees: See Appendix A

1. Heat Transfer Division Report
 - Mike Ellsworth was awarded the K-16 Clock Award.
 - The Heat Transfer Executive Committee announced the creation of a new journal, Thermal Science and Engineering Applications which will be edited by Mike Jensen.
 - The International Heat Transfer Conference will be held in August of 2010 in Washington, D.C.
 - The Heat Transfer Division will not be sponsoring the 2010 IMECE. However, K-16 will co-sponsor sessions with EPPD.
2. Minutes from the K-16 meeting at 2008 IMECE Conference, Boston, MA (posted on K-16 Website) was moved and approved by those in attendance.
3. Report on the 2009 Summer Heat Transfer Conference and InterPack
 - Amir Jokar and Seri Lee, 2009 SHTC KCR
 - Greg Walker, Thermal Track Chair
 - A report on the 2009 SHTC and 2009 InterPACK was given by Amir Jokar and Greg Walker. It was noticed that 7-8 “no shows” were observed throughout the sessions. Methods to work around and prevent such events in the future are unclear at this time. For Interpack, there were 50 papers over 10 sessions which was seen as a good turnout. One problem noticed with the collocation of the Summer Heat Transfer Conference, InterPack, and the Energy and Sustainability Conference were seen in the lack of coordination of the events. Overall, attendees did not like having 3 program books and felt that the conferences should have begun and ended on the same days to maximize benefit of the collocated events.
4. Report on 2009 IMECE (6:05-6:10)
 - Pradip Majumdar, 2009 IMECE KCR
 - Reviews for IMECE 2009 are due by the end of the week and copyright forms are due into ASME by August 5th.
 - EPPD would like to co-sponsor sessions with K-16.
5. Update, ITherm 2010.
 - Yogi Joshi, Conference Chair
 - ITherm 2010 will be held from June 2-5, 2010 in Las Vegas (www.ithermconference.org).
 - Abstracts for ITherm 2010 are due on August 31, 2009. The conference will be held in conjunction with the 58th Electronic Components and Technology Conference (ECTC 2010, www.ectc.net). The conference format will include both standup and poster presentations which can be chosen by the authors. The conference will be organized into three tracks:

Thermal Management, Mechanics, and Emerging Technologies. In addition, there will be short courses and panel discussions.

Due to the fact that ITherm will occur right before the ASME/AIAA Joint Thermophysics Conference in Chicago at the end of June, K-16 will not participate the ASME/AIAA conference this year.

6. Update, 14th International Heat Transfer Conference (IHTC)

Avi Bar-Cohen, Conference Chair

The 2010 IHTC will be held in Washington, D.C. The format will be posters only with invited keynote speakers. There is a limitation of 110 posters from the US. They are expecting over 1000 participants. Abstracts are due August 28, 2009

7. Report on Journal of Electronic Packaging

Bahgat Sammakia (Binghamton University), Editor

The Journal of Electronic Packaging published 4 issues with 487 pages. The average review took 13 weeks while the average wait for publication was 67 weeks. The journal has a 40% acceptance rate. The electronic version of accepted articles will come out 1 month prior to hardcopies. The impact factor has increased to 0.8.

8. New Business

K-16 Clock Award: Nominations are open for 2010.

K-16 EPPD Interaction for upcoming conferences. Currently, Amy Fleischer serves on the committee while Gamal Rafai-Ahmed is the Vice-Chair and Yogendra Joshi is a member at large. We will work through these K-16 members to ensure representation of K-16 in EPPD planning.

For IMECE 2010, we will participate and need to appoint a KCR to work with EPPD.

9. Reminder of next K-16 Committee Meeting to be held at

2009 IMECE

Nov. 13-19, 2009

Lake Buena Vista, FL

APPENDIX A: ATTENDEES

Ahmed Zaghlol	Bahgat Sommakia
Amanie Abdelmessih	Chuck Minning
Yogendra Joshi	Suresh Garimella
James Petroski	Mark North
Mehmet Arik	Greg Walker
Shlomo Novotny	Masaru Ishizaka
Sushil Bhavnani	Sung Jin Kim
Karl Geisler	Ying Sun
Yizhang Yang	Brendon Holt
Mehdi Asheghi	Tim Fischer
Ali Heydari	Amir Jokar

Qingjun Cai
Ed Walsh
Jordin Roberts
Mark Kimber
Seri Lee

Baratunde Cola
Tahir Cader
Jeff Suhling
Victor Chiriac
Ethan Cruz

Ahmed Zaghlol

Amanie Abdelmessih