

# SEMI-THERM<sup>®</sup> 25

Semiconductor Thermal Measurement and Management Symposium  
Fairmont Hotel, San Jose, CA, USA  
March 15-19, 2009

## CALL FOR PAPERS

SEMI-THERM is an international forum dedicated to thermal management of electronics. The symposium fosters the exchange of knowledge between practitioners and leading experts from industry, as well as the exchange of information on the latest academic and industrial advances in electronics thermal management.

In its 25th anniversary year, SEMI-THERM will include Invited Speakers, Technical Sessions, Short Courses and an Evening Tutorial as well as vendor exhibits and dedicated vendor sessions for the latest in commercial offerings.

SEMI-THERM actively solicits student papers and awards travel stipends and reduced conference fees. Those papers deemed to be among the best in the conference will be invited to be published in IEEE Transactions on Components and Packaging Technologies.

### Subjects of Particular Interest

SEMI-THERM is soliciting papers on current thermal management technologies and practical application issues, modeling and measurement of electronic components and systems in the following areas:

<b>Component to System Level Thermal Management;</b> Die, Package, Board and System Level	<b>Packaging Materials;</b> Interface, Spreading, Nanotechnology, Material Characterization, Composites
<b>Modeling and Analysis;</b> CFD, Compact, Finite Element, Thermal Limitations	<b>Cooling Technologies;</b> Conduction, Convection, Radiation, Air, Liquid, Two Phase, Fans and Blowers, and Solid State
<b>Applications;</b> Consumer, High Volume, Portable, Harsh Environments, LED, Medical, Telecom, Automotive, Solar Photovoltaic, Military, Power and Storage Systems	<b>Energy Related Topics;</b> Papers are solicited on the effects of the drive for lower energy usage
<b>Thermal Management Interactions with Other Design Aspects</b> (Acoustics, Cost, Reliability)	

Selection of papers for presentation is solely based on the extended abstract. The abstract should provide a complete summary of the proposed paper comprising work or result not previously presented or published. The abstract should be between 2 and 5 pages of single spaced text giving the key results, findings and conclusions, supported by additional pages of figures, tables and references as appropriate. **Abstracts must demonstrate that the proposed papers are appropriate for SEMI-THERM and of high technical quality.** Abstracts must be submitted electronically in RTF, DOC or PDF formats via the SEMI-THERM web site.

The intent of technical papers is to communicate timely and relevant technical information to a technical audience. The paper should present an unbiased description of a certain method or product, discussing both pros and cons. Both subtle and blatant advertisement of any products or services is in direct conflict with the spirit of the Symposium. Examples of the former include repeated references to products or trade names and excessive use of corporate logos and trademarks in graphic illustrations. Photographs of commercial equipment are not permitted unless they add educational value. The SEMI-THERM Program Committee desires that all authors and presenters understand unambiguously that commercialism is inappropriate and will not be tolerated; authors are asked to abide by these constraints when preparing their abstracts, papers, and presentations.

### Deadlines

Abstract Deadline	Abstract Acceptance Notification	Photo-ready Full Manuscript Due
September 15, 2008	November 1, 2008	December 15, 2008

For further information please contact the Program Chair via email:

[Attila Aranyosi, Electronic Cooling Solutions](mailto:ataranyosi@ecooling.com)

E-mail: [ataranyosi@ecooling.com](mailto:ataranyosi@ecooling.com), Phone: 408-396-5400

Visit the SEMI-THERM web site at: <http://www.semi-therm.org>