40th Annual Semiconductor Thermal Measurement, Modeling and Management

March 25-29, 2024

DoubleTree by Hilton, San Jose, CA, USA

Call for Papers

SEMI-THERM is an international symposium dedicated to the thermal management and characterization of electronic components and systems.

Main goals:

✓ Provide knowledge covering all thermal length scales from integrated circuits to facility levels
✓ Foster discussions between thermal engineers, professionals, and industry experts
✓ Encourage the exchange of information on academic and industrial advances in electronics cooling

Abstract/Peer-Review Manuscript Due Date: Sep 29th, 2023
Notification of Acceptance: Nov 18th, 2023
Full Manuscript Due Date: Jan 13th, 2024

Important dates!

Topics include

- Component / Board / System
- Thermal Design,
- Fluid Movers,
- Two-Phase Cooling,
- Acoustics,
- Advanced Materials,
- Measurement Methods,
- Modeling & Simulation,
- Additive Manufacturing,
- Reliability, etc.

Applications include

- Processors/ICs/Memory,
- 3-D packaging,
- Computing Systems,
- Data Centers,
- Portable/Consumer/Wearable Electronics,
- Power Electronics, Harsh Environments,
- Defense/Aerospace Systems,
- Automotive Systems;
- Solid-State Lighting & Cooling,
- Biomedical;
- Micro/Nano-scale Devices, etc.

Symposium Highlights

✓ Technical Short Courses
✓ How To Courses
✓ Panel Sessions
✓ Vendor Workshops
✓ Vendor Exhibits
✓ Technical Sessions
✓ Career Development Session
✓ Award Presentations
✓ Academic Sessions

Three options for participating in the technical program. All require a submission (extended abstract or manuscript, depending on the option) by Sep 15th, 2023.

✓ Peer-reviewed paper: Submit a full manuscript for peer review. Authors notified of acceptance in November. Final manuscript due in January. Manuscripts will be provided to conference attendees.

✓ Non-peer-reviewed paper: Submit an extended abstract (2 pages) that describes the scope, contents, key results, findings and conclusions. Authors notified of acceptance in November. Final manuscript (4-7 pages) due in January. Manuscripts will be provided to conference attendees.

✓ Presentation only: Submit an extended abstract (2 pages). Authors notified of acceptance in November. Final presentation slides due in March. Presentations will be provided to conference attendees.

Further information shown on https://semi-therm.org/presenters or contact the Program Chair Dr. Lieven Vervecken, CEO Diabatix, lieven.vervecken@diabatix.com.

Visit our website: http://www.semi-therm.org

★ Awards ★

All papers with manuscripts, which will be available through IEEExplore, are eligible for the Best Paper Award. Student papers presented at the conference are eligible for Student Scholarships. Presentation-only submissions are not eligible for awards.

** All authors qualify for reduced symposium rates **