Call for Papers

SEMI-THERM®

40th Annual Semiconductor Thermal Measurement, Modeling and Management

March 25-29, 2024

DoubleTree by Hilton, San Jose, CA, USA

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

Important dates!

Abstract/Peer-Review Manuscript Due Date: **Sep 15th, 2023**

Notification of Acceptance: **Nov 18th, 2023**

Full Manuscript Due Date: **Jan 13th, 2024**

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 are 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.

★ 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.

Visit our website: http://www.semi-therm.org
** All authors qualify for reduced symposium rates **