


# Call for Papers



## 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 29<sup>th</sup>, 2023**

Notification of Acceptance: **Nov 18<sup>th</sup>, 2023**

Full Manuscript Due Date: **Jan 13<sup>th</sup>, 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 15<sup>th</sup>, 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](mailto:lieven.vervecken@diabatix.com).

#### ★ Awards ★

All papers with manuscripts, which will be available through IEEEExplore, 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 \*\*