

SEMI-THERM 41 ANNOUNCES SYMPOSIUM CHAIRS



41st Annual Semiconductor Thermal Measurement, Modeling and Management

March 10-14, 2025 Double Tree 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

General Chair:

Lieven Verweken, Diabatix lieven.verweken@diabatix.com

Dr. Lieven Verweken is CEO and co-founder of Diabatix, a software company specialized in advanced thermal design. Prior to founding Diabatix, Lieven received a PhD in mechanical engineering from the renowned University of Leuven, in the field of numerical simulations. Lieven incorporated his expertise into the advanced A.I. technology that lies at the heart of Diabatix. What started out as a small venture has become a fast-growing SaaS company serving multinationals all over the world. Lieven is lead author of multiple peer-reviewed journal articles and he is an experienced keynote speaker at national and international conferences.



Program Chair:

Navid Kazem, Arieca navid@arieca.com

Navid Kazem co-founded Arieca after completing his PhD in computational mechanics at Carnegie Mellon University, where he developed the core technology behind Liquid Metal Embedded Elastomers (LMEE). He is a former Swartz Center for Entrepreneurship Fellow at Tepper School of Business, with multiple high-impact publications and patents. His background combines a deep technical expertise with the capacity to convert cutting-edge scientific advancement into commercial technology. Navid leads product development of LMEEs, commercial strategic partnerships, as well as fund raising. As an avid soccer player and a Manchester United fan, he takes lessons on the importance of passion and persistence in everyday life just like in sports.



Program Vice Chair

Claire Wemp, Dupont claire.k.wemp@dupont.com

Dr. Claire Wemp is a Lead Application Engineer at DuPont's Silicon Valley Technology Center working to design and implement advanced thermal testing capabilities at their Bay Area facility, serving local customers with a wide range of thermal material solutions. Claire has been working in the thermal management space for over a decade and has experience in data center server design at Google as well as two-phase liquid cooling during her doctoral studies at UC Berkeley, where she was a National Science Foundation Graduate Research Fellow. Claire is a strong advocate for diversity in engineering and has served many roles in the Society of Women Engineers, currently serving as the Treasurer for the Santa Clara Valley SWE Section. She is thrilled at the opportunity to take on a leadership role with SEMI-THERM and looks forward to the next conference in 2025!

