

SEMI-THERM 40 ANNOUNCES SYMPOSIUM CHAIRS



40th Annual Semiconductor Thermal Measurement, Modeling and Management

March 25-29, 2024 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:

Alex Ockfen, META alex.ockfen@meta.com

Alex Ockfen is a simulation engineer at Meta (formerly Facebook), providing technical leadership for thermal and structural design of consumer electronics products. He held previous positions at Raytheon where he obtained experience in thermal management and electronics cooling of a wide range of aerospace and defense applications. He has more than 10 journal and conference publications, is an inventor on multiple patents, and is a professional mechanical engineer. Currently he is serving as General Chair of the SEMI-THERM conference and is an associate technical editor for Electronics Cooling Magazine.



Program Chair:

Lieven Vervecken, Diabatix lieven.vervecken@diabatix.com

Dr. Lieven Vervecken 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 Vice 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.

