

SEMI-THERM®



Mechanical & Aerospace Engineering
The University of Texas at Arlington



We are proud to sponsor:

The SEMI-THERM Educational Foundation Thermal Hall of Fame

Lifetime Achievement Award

Presented To



Márta Rencz

In Recognition of Significant Contributions to the Field of Electronics Thermal Management

Márta Rencz received the Electrical Engineering degree, the Doctor in Engineering Degree and the PhD degree from the Budapest University of Technology and Economics, where she has also obtained the Habilitation. She has received the Doctor of Science degree from the Hungarian Academy of Science in the field of Microelectronics. She is a professor at the Budapest University of Technology and Economics. Between 2005 and 2013 she served as the Head of Department of Electron Devices. She has participated in numerous international research projects, mostly in the field of investigating, measuring and modeling multi-physical effects in electronics. She has published her theoretical and practical results in more than 300 technical papers.

She has been the guest editor of over 10 special issues of various scientific Journals in the fields of thermal investigations and thermal management in electronics. She is regularly reviewing scientific papers and international research proposals. She was a co-founder and CEO of Micred Ltd that is now part of Mentor, a Siemens business, where she still holds a research director position.

She initiated in 1992 the THERMINIC EU research project that has led to the THERMINIC workshops, dealing with thermal issues in electronics, giving a forum for thermal management experts. Today she is the chair of the steering committee of THERMINIC.

She holds various awards of excellence, among others Harvey Rosten award (2001) and the Allan Krauss thermal management award of ASME (2015). In 2013 she has received the Doctor Honoris Causa degree from the Tallinn University of Technology in Estonia.