

SEMI-THERM[®] 35

Evening Tutorial

Tuesday March 19 2019, 7:30 p.m.

Ai Is Helping Engineers Break Through The Barriers Of Thermal Design

Presenter:

Lieven Vervecken
Diabatix

Imagine what would happen if you explained the laws of thermodynamics to a hyperintelligent machine. With the capacity to think, imagine how that machine would optimally design cooling fins and cooling channels to precisely fit your needs. Would it decide to use parallel cooling fins, S-shaped cooling channels, or something new? Would it try to maximize the contact surface area, or not? Artificial intelligence is revolutionizing the way thermal engineers design cooling solutions. Discover how in a presentation by Diabatix.



Lieven Vervecken is CEO and co-founder of Diabatix, an engineering 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 company serving multinationals all over the world.

Lieven is an experienced speaker at national and international conferences with a passion for the limitless possibilities of combining engineering with artificial intelligence technology. During his talk he will expound on the many doors the Diabatix technology can open.
