

# Solving Thermal Challenges in Next-Generation 3D Stacked Semiconductor Devices

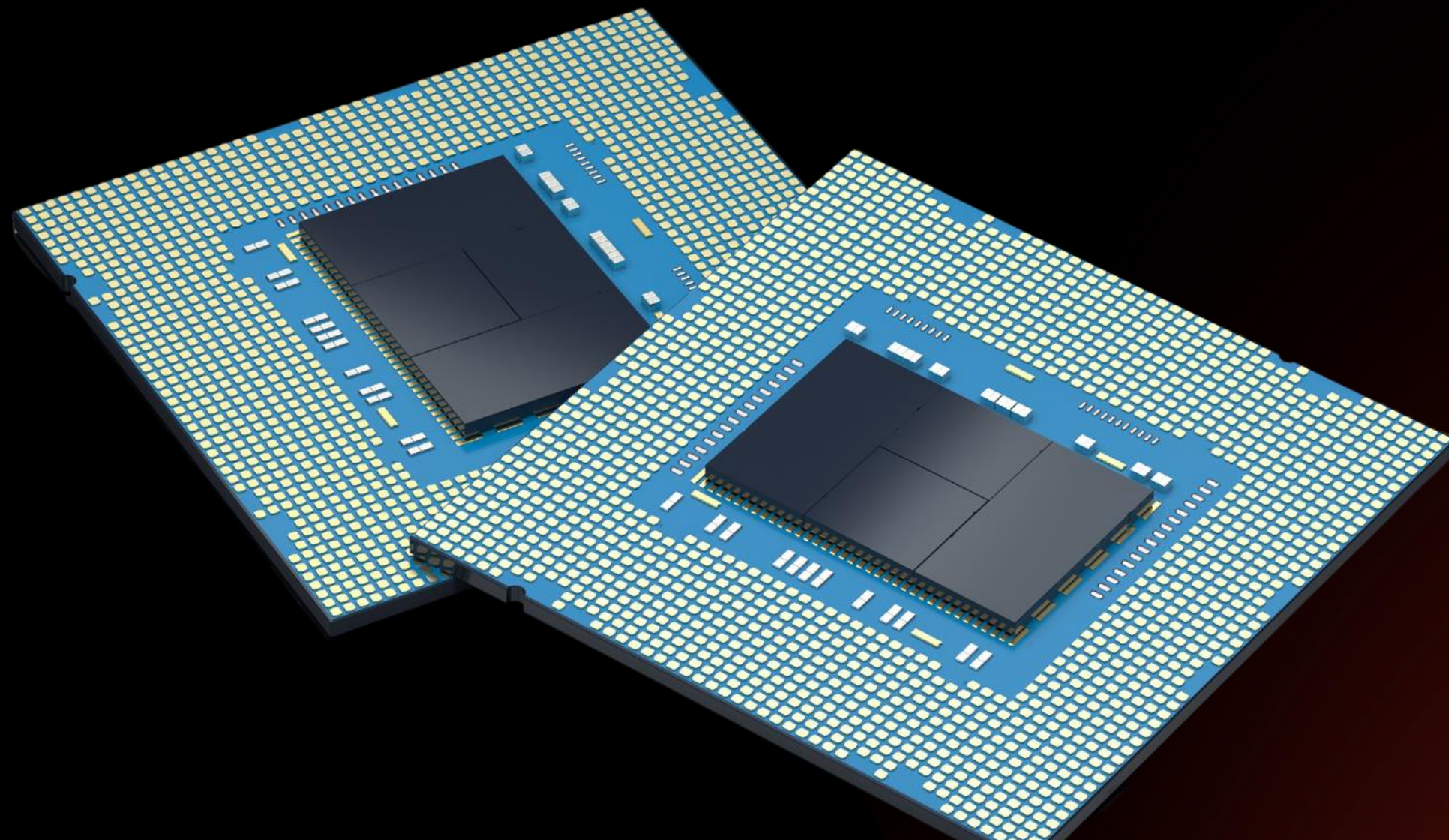
Hosted by

Daniel Cederkrantz, PhD



## Experience

- CEO, Thermtest Europe
- PhD in Materials Science
- 15+ years in thermal conductivity
- 7+ years of empowering the electronics industry in selecting the ideal testing methods for their applications



Two decades of providing intelligent thermal conductivity solutions in the electronics industry.



Range of thermal  
conductivity  
testing methods



Empowering you with  
knowledge to choose  
the best testing  
methods



Methods enabled by  
proprietary and patented  
technologies

# Intelligent Thermal Conductivity Solutions for Next-Generation 3D Stacked Semiconductor Devices

Determine thermophysical properties of free standing thin-films.



Available on Advanced MP-1



Patented Thermal Resistance Thin-Film Module

Thermal conductivity & thermal resistivity

Available on Versatile MP-V



Thin-Film Module

Thermal conductivity