

Sanghyung Han

- M.S. course
- Mechanical Engineering
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- Research interest:
 1. Semiconductor thermal management system
 2. Two-phase jet impingement cooling



Academic Experiences

Korea Advanced Institute of Science and Technology (KAIST) M.S. (2023.03 – Present)

Korea Aerospace University B.S. (2016.03 – 2023.02)

Journal Publications:

- 1) Seungwoo Kim, Seokkan Ki, Soosik Bang, **Sanghyung Han**, Junyong Seo, Chulmin Ahn, Suhyeon Maeng, Bong Jae Lee, Youngsuk Nam "Optimizing Energy-Efficient Jet Impingement Cooling Using an Artificial Neural Network (ANN) Surrogate Model for High Heat Flux Semiconductors", Applied Thermal Engineering, Vol. 239 pp. 122101 (2023)

Conference Presentations:

Award:

Patent

Research Topics:

- 1) Semiconductor thermal management system
- 2) Two-phase jet impingement cooling system