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Recent Advances in Cooling Technology

Professor Sung Jin Kim

Korea Advanced Institute of Science and Technology (KAIST)

Date: Friday, September 21st 2018, 15:00 – 16:00

**Venue: An401&402, Institute of Industrial Science,
Komaba Research Campus**

Abstract:

The development of cooling technology has been an important element in the successful development of industrial and commercial systems for more than 50 years. This has been especially true during the past decades as electronic components have shrunk while increasing in performance, and industrial processes have grown to require ever better cooling performance. Today cooling is viewed as a bottleneck technology necessary to the successful development of future electronic systems. This talk is intended to provide a perspective and review of the state-of-the-art cooling and thermal management technology used by important industrial and commercial systems. Some of the latest cooling technology utilizing air, water, or direct liquid immersion will be discussed with examples of application in the USA, Japan, and Korea. This talk will conclude with a brief overview of research activities in the Applied Heat Transfer Lab at KAIST.



主催： 東京大学大学院工学系研究科専攻間横断型教育プログラム 機械システム・イノベーション (GMSI)
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