

Keynote Speakers

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Pulickel M. Ajayan

B. M. and M. G. Anderson Professor in Engineering

Mechanical Engineering and Materials Science Department

Rice University, Houston, Texas 77005

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Engineering at the Nanoscale: Route to Applications and Challenges

[Click here for the abstract & biography](#)

Amir Faghri

Professor and Dean Emeritus

Department of Mechanical Engineering,

University of Connecticut, Storrs, CT

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Advances in Micro and Miniature Passive Direct Methanol Fuel cells

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John Howell

Ernest Cockrell, Jr. Memorial Chair Emeritus

Department of Mechanical Engineering

The University of Texas at Austin, Austin, TX

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Using inverse analysis to optimize nanoscale radiative surface patterns and enhance solar cell performance

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Sadık Kakaç

Prof. of Mechanical Engineering

TOBB University of Economics and Technology, Ankara, Turkey

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Heat Transfer Enhancement in Laminar Convective Heat Transfer with Nanofluids

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Joon Sik Lee

Professor

School of Mechanical and Aerospace Engineering

Seoul National University, Seoul, Korea

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Nanoscale Thermopower Profiling Technique Using a Diamond Thermocouple Probe
[Click here for the abstract & biography](#) Â

Beng Kang Tay

School of Electrical & Electronic Engineering

Nanyang Technological University Singapore, Singapore

Â Nano-Engineered Carbon Hybrid Systems
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