



Nondestructive Evaluation Material Innovation with Cross-Economy Next-Gen Infrastructure Resilience

Technologies for Material design, Sensing, Diagnostics & AI-Driven Infrastructure Resilience

Host: Prof. Gun Kim

DATE
2026.09.25 FRI · 12:30 PM to 5:00 PM
Catering: 11:30 AM to 12:30 PM
Coffee break: 2:30 PM to 3:00 PM

VENUE
Centre for Cross Economy (CCE)
60 Nanyang Drive SBS-01S-50

§ Invited Speakers & Talks

Speaker **01** (12:30 PM to 1:10 PM)



Prof. Nam-Joon Cho
Nanyang Technological University (NTU)
"Materials Today Preparing Tomorrow"

Speaker **02** (1:10 PM to 1:50 PM)



Prof. Michael Todd
University of California, San Diego
Incoming Chair (CCE), Purdue University
"A Performance Evaluation Methodology for Reconfigurable Ultrasonic Sparse Arrays Used in Mobile Structural Health Monitoring"

Speaker **03** (1:50 PM to 2:30 PM)



Prof. Larry Jacobs, Vice Provost
Georgia Institute of Technology
"Nonlinear Wave Mixing Techniques to Characterize Materials"

Speaker **04** (3:00 PM to 3:40 PM)



Prof. Ivan Au
Nanyang Technological University (NTU)
"Achievable Limits in Operational Modal Analysis"

Speaker **05** (3:40 PM to 4:20 PM)



Prof. Gun Kim
Nanyang Technological University (NTU)
"Ultrasound Across Scales"

Speaker **06** (4:20 PM to 5:00 PM)



Prof. Kenneth Loh
University of California, San Diego
"Distributed Structural Sensing with Smart Paint and Tomographic Methods"

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