

KINC/CNSI Cooperative Symposium on Nanoscience
August 19th, 2008
CNSI Building

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| 8:30-8:40am | <i>Opening remarks and CNSI overview</i>
David Lundberg, CNSI |
| 8:40-8:50am | <i>KINC overview</i>
Soon Hyung Hong, KAIST |
| 8:40-9:10am | <i>"Photonic crystal nanolasers"</i>
Yong-Hee Lee, KAIST |
| 9:10-9:40am | <i>"Understanding the Scaling Limit of PcRAM of Chalcogenide Materials"</i>
Ya-Hong Xie, UCLA/CNSI |
| 9:40-10:10am | <i>"Fabrication Processes and Properties of Carbon Nanotube Nanocomposites"</i>
Soon Hyung Hong, KAIST |
| 10:10-10:30 am | <i>Coffee Break</i> |
| 10:30-11:00am | <i>"Logic, Memory and Nanoelectronics "</i>
Kos Galatsis, UCLA/FENA/WIN |
| 11:00-11:30am | <i>"Er-doped Si microphonics"</i>
Jung Hoon Shin, KAIST |
| 11:30-12:00pm | <i>"Nanopatterned and self-assembled epitaxial nanostructures"</i>
Diana Huffaker, UCLA/CNSI |
| 12:00-1:30pm | <i>Lunch Break</i> |

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- 1:30-2:00pm** *“Directed Molecular Assembly of Soft Nanomaterials for Nanofabrication”*
Sang Ouk Kim/KAIST
- 2:00-2:30 pm** *“High-throughput On-Chip Imaging and Characterization of a Heterogeneous Cell Solution”*
Aydogan Ozcan, UCLA/CNSI
- 2:30-3:00pm** *“First-principles Design and Generic Synthesis of Nanomaterials for Green Energy Technologies”*
Jeung Ku Kang, KAIST
- 3:00-3:30pm** *“Vapor-Liquid-Solid and Vapor-Solid-Solid Growth of Si and Ge Nanowires”*
Suneel Kodambaka, UCLA/CNSI
- 3:30-3:40pm** *Closing Remarks*
Yong-Hee Lee, KAIST