

US - Japan Nano Workshop

Engineering Building II, 3rd Floor, Conference Room 31A

- 9:00 - 9:10 Grace Meikle (Notre Dame, NanoJapan Program)
“Growth of dense, highly aligned single-walled carbon nanotubes on quartz with lengths in the THz range”
- 9:10 - 9:20 Kaoru Hisama (Univ. Tokyo)
“Molecular Dynamics Simulation of SWNT Growth”
- 9:20 - 9:35 Kenneth McEnaney (MIT),
“Thermoelectric Generators”
- 9:35 - 9:50 Harish Sivasankaran (Univ. Tokyo)
“Thermal conduction in aqueous suspensions and non aqueous suspensions with one dimensional and two dimensional nano inclusions”
- 9:50 - 10:05 Michael Barako (Stanford)
“Nanostructured Thermal Interface Materials”
- 10:05 - 10:20 JinHyeok Cha (Univ. Tokyo)
“Fabrication of VACNTs-PDMS nanocomposite”
- 10:20 - 10:45 Break
- 10:45 - 11:00 Daniel Chenet (Columbia)
“Length-Dependent DNA Conductivity Study using CNTFETs”
- 11:00 – 11:15 Taiki Inoue (Univ. Tokyo)
“Growth of Horizontally Aligned Single-Walled Carbon Nanotubes on Quartz”
- 11:15 - 11:30 Evan Fleming (UT Austin)
“Thermal Batteries for Electric Vehicles”
- 11:30 - 11:45 Takuma Shiga (Univ. Tokyo)
“Thermal transport in lead telluride from first-principles”
- 11:45 – 12:00 Jason Ball (Rice)
“Search for Conduction Electron Spin Resonance in Single-Wall Carbon Nanotube”
- 12:00 – 13:00 Discussion