US - Japan Nano Workshop
Engineering Building II, 3rd Floor, Conference Room 31A

9:00 - 9:10  Grace Meikle (Notre Dome, 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