

Arizona Institute for Nanoelectronics: Kickoff

Friday, April 4th, 2008 at the Tempe Mission Palms Hotel

Agenda

- 7:00am Registration and Continental Break
- 8:00-8:30 Welcome, Stephen Goodnick, "Overview ASU nanotechnology and AINE"
- 8:30 9:00 Mark Lundstrom, Purdue University, "Computational nanoelectronics in the 21st century: challenges and opportunities"
- 9:00-9:30 Michael Leiby, Optoelectronics Industry Development Assoc., "A sneak preview of a few 'grand challenges' in photonics"
- 9:30-10:00 Larry Nagahara, National Cancer Institute, NIH, "Driving the future of biomedical applications with nanoelectronics"
- 10:00-10:20 Break
- 10:20-10:40 Nathan Newman/Trevor Thornton; Nanofabrication and Nanocharacterization in CSSER/LE-CSSS
- 10:40-11:05 Yong-Hang Zhang, Center for Nanophotonics, AINE
- 11:05-11:30 Trevor Thornton, Center for Bio-Integrated Circuits, AINE
- 11:30-11:45 Stuart Lindsay, Center of Single Molecule Biophysics, Bidesign Institute.
- 11:45-12:10 Michael Kozicki, Center for Applied Nanoionics, AINE
- 12:10-1:30 Lunch and poster viewing
- 1:30-1:55pm David Ferry and Robert Nemanich, Nanostructures Research, AINE
- 1:55-2:20 Mark van Schilfgaarde, Center for Computational Nanoscience, AINE
- 2:20-2:40 Nathan Newman, LE-CSSS/AINE, Spintronics and Nanomagnetism
- 2:40-3:00 Coffee Break
- 3:30-3:15 David Guston, Center Nanotechnology in Society
- 3:15-3:30 Paul Westerhoff, CEE, Environmental Impacts of Nanotechnology
- 3:30-5:00 Poster Session and Social Hour