



SAN FRANCISCO BAY AREA
NANOTECHNOLOGY COUNCIL

Fifth Annual Half-Day Symposium

"Nanotech-Enabled Energy Generation & Management"

Tuesday, November 17 2009, 12pm – 4pm

Co-Sponsored by
IEEE SCV Chapters: LEOS / Photonics; Electron Devices; CPMT
Also Co-Sponsored by Norcal AIChE

An IEEE 125th Anniversary Celebration Event

Location: National Semiconductor Bldg E-1 CMA Room. 2900 Semiconductor Drive, Santa Clara, CA
Directions: See 2 pages below.

Early Registration Fee (light lunch included):
IEEE Members / Students / Unemployed: \$20, Non-Members: \$25. Add \$5 if AT-DOOR Registration**

REGISTER EARLY (save \$5.00) ONLINE AT:
<https://www.123signup.com/servlet/SignUpMember?PG=1520685182300&P=1520685191159751900&FinishURL=/home?Org=ISNC>

****RSVP** For PAY-AT-DOOR Registration at
<http://www.ieee.org/nano/index.php?mode=rsvp&event=58>

AGENDA

- 12:15 Registration Begins
- 12:30 Networking and Lunch (Vegetarian and New York Sandwich Platter)
- 1:00 Welcome and Introductions

- 1:10 Keynote: The Promise Of Thin Film Based Photovoltaic Materials
Dr. Steve Paak, Head, Silicon Solar Technology Development
Applied Materials Solar Business Group

- 1:50 Solar-cells By Solution Processing Of CdTe Nanoparticles
Dr. Campbell Scott, IBM Almaden Research Center .

- 2:30 Facilitated-Networking-&-Break

- 2:50 Designer Nano-Structured Materials for High-Temperature Solar Energy Collection
K.R.S. Murthy & A. J. Amaro, Sunrgi, LLC.

- 3:30 Cathode Materials for High Rate Lithium Ion Batteries
Dania Ghantous,
Vice President, Technology & Battery Development, Imara Corp.

- 4:10 Concluding remarks. ... Symposium ends.

Directions To National Semiconductor Campus

□ Address: Building E Auditorium, 2900 Semiconductor Dr., Santa Clara, CA 95051

□ If heading South on Lawrence Expressway from Highway 101:

✖1a: Turn RIGHT (west) onto **Kifer Road**.

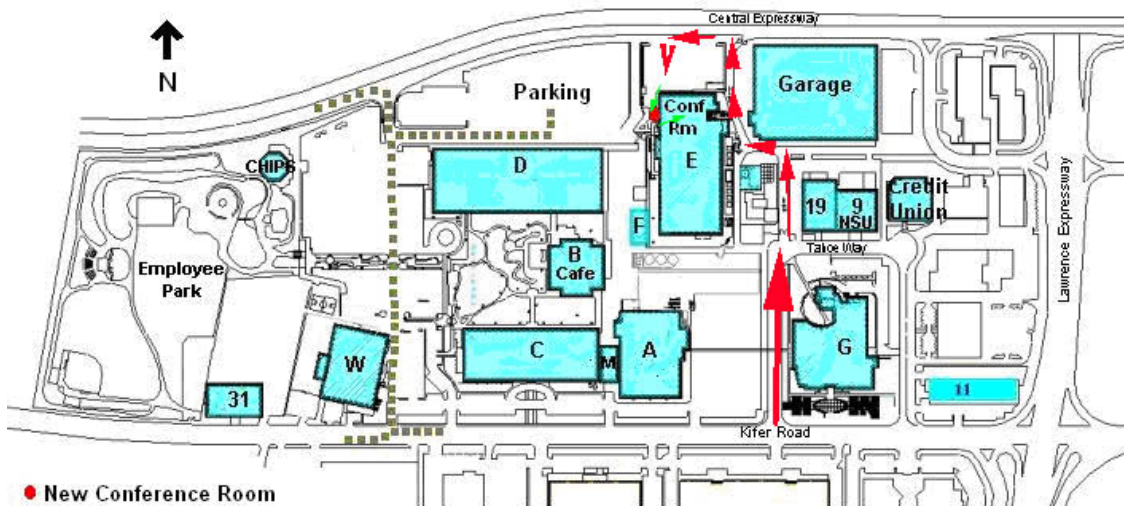
□ If heading North on Lawrence Expressway from El Camino Real:

✖1b: Turn LEFT (west) onto **Kifer Road**.

□ Then:

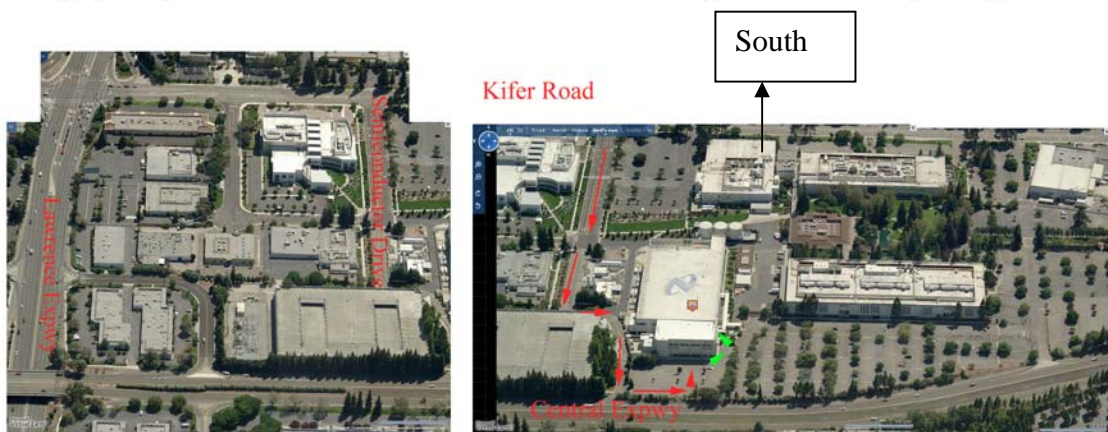
✖2: Turn RIGHT (north) at First Stop Light onto 2900 Semiconductor Drive

✖3: See National Semiconductor Campus Map below (follow red arrows to park; follow green arrows to walk to auditorium entrance).

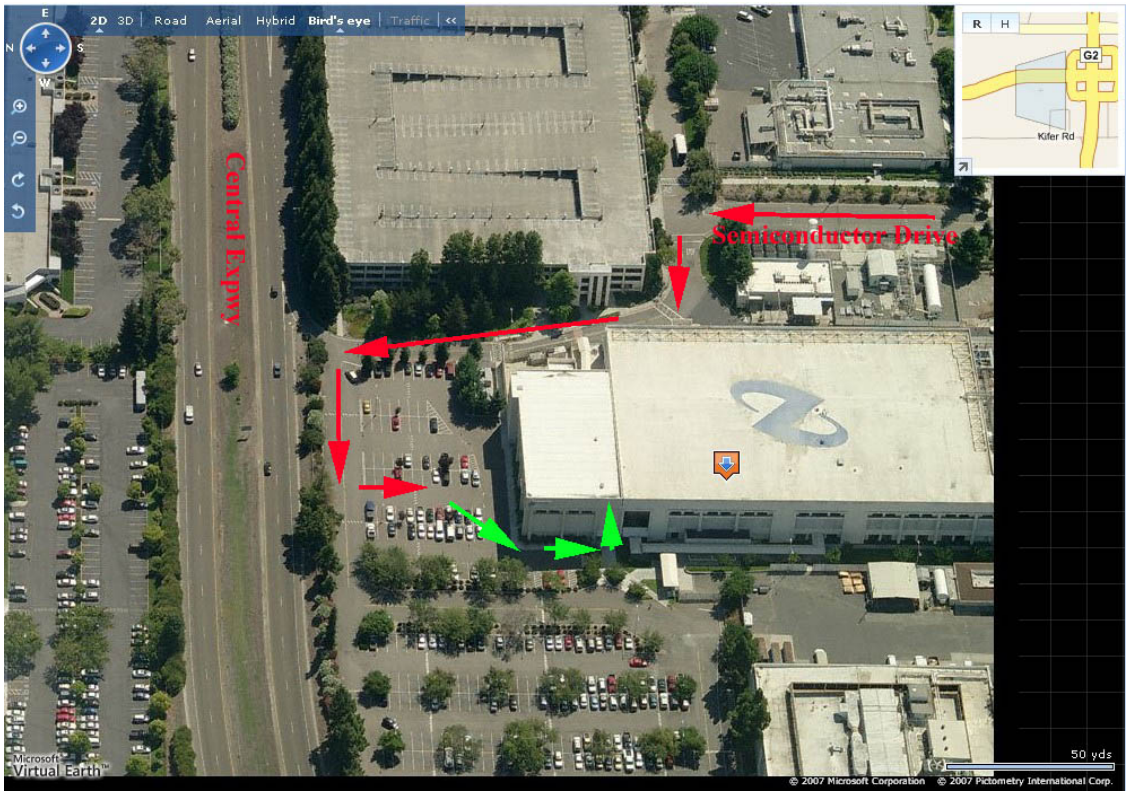


● New Conference Room
(Enter through Bldg E Lobby)

■ Bldg E parking is accessible from both directions of Kifer and driving east on Central Expressway.



Aerial photos looking southward.



Aerial photos looking eastward.