Industrial Affiliates Conference  
Electrical and Computer Engineering  
University of California, Davis  
May 19th, 2017

AGENDA

8:00 a.m. - 9:00 a.m.  Continental Breakfast and Registration - Kemper Hall Lobby

9:00 a.m. - 9:15 a.m.  Chair's Welcome - 1003 and 1007 Kemper Hall  
Professor Kent Wilken

9:15 a.m. - 10:00 a.m.  New Faculty Presentation - 1003 and 1007 Kemper Hall  
"Advanced Devices and Sensors Through Plasmonic Metasurfaces"  
Professor Sebastian Gomez-Diaz

10:00 a.m. - 10:20 a.m.  Coffee break – Kemper Hall Lobby

10:20 a.m. - 11:50 a.m.  Faculty Short Presentations (16 minutes each) – 1003 & 1007 Kemper Hall

- Erkin Şeker: "Gold Foams as Advanced Biomedical Device Coatings"
- Soheil Ghiasi: "Embedded Systems for Health and Data Analytics Applications"
- Saif Islam: “Ultrafast Silicon Photodetectors Enabled by Photon Trapping Microstructures for Datacenter and Computer Networks”
- Brian Kolner: “Compact Optical Clocks and Optical Time/Frequency Transfer”
- Jerry Woodall: “High Impact R&D at a University for Fun and Profit”

11:50 a.m. - 1:30 p.m.  Lunch - 1127 Kemper Hall

1:00 p.m. - 2:00 p.m.  Fast-Forward Presentations – 1127 Kemper Hall  
One minute snapshots of student posters

2:00 p.m. - 3:00 p.m.  Keynote Address: “In Brightest Day and Blackest Night” – 1003 Giedt Hall  
Professor Rana Adhikari, California Institute of Technology

3:00 p.m. - 4:30 p.m.  Poster Session and Laboratory Visits - Kemper Hall Lobby  
The poster session will give an overview of the exciting research going on in the department. In order to give you a quick glimpse of the posters, all presenters will describe their posters in a "fast forward" style at the presentations at 1:00. We plan to have monetary awards for outstanding posters for undergraduate and graduate-level research projects. We ask you to rank the posters using the score sheets to be handed out.

4:30 p.m. - 6:40 p.m.  Reception & Posters - Kemper Hall Lobby