



Redefining the Limits of Photovoltaic Efficiency WORKSHOP



Sunday, July 29, 2012
California Institute of Technology
Hameetman Auditorium at the Cahill Center
8:30 AM - 5:00 PM

Organized by the **Resnick Sustainability Institute** and the **Light-Material Interactions in Energy Conversion (LMI) Energy Frontier Research Center**, this one-day workshop brings together leaders from industry, academia and government agencies to discuss new technologies for redefining the limits of solar energy conversion efficiency.

Speakers include:

- **Harry Atwater**, *Director, LMI-EFRC and Resnick Institute, California Institute of Technology*
- **Ivan Celanovic**, *Principal Research Scientist, Massachusetts Institute of Technology*
- **Geoffrey Kinsey**, *Director, Photovoltaic Technologies, Fraunhofer Center for Sustainable Energy*
- **Sarah Kurtz**, *Principal Scientist, National Renewable Energy Laboratory*
- **Minh Le**, *Chief Engineer, Solar Technologies Program, Department of Energy*
- **Michelle Povinelli**, *WiSE Gabilan Assistant Professor of Electrical Engineering, University of Southern California*
- **Wladek Walukiewicz**, *Senior Staff Scientist, Solar Energy Materials Research Group, Lawrence Berkeley National Laboratory*
- **Roland Winston**, *Professor, University of California, Merced*

Workshop topics cover a broad spectrum of photovoltaic research:

- **Theory**: fundamentals, thermodynamics, alternative approaches, and more
 - **Materials**: for ultra-high efficiency, photo-thermal, and 3rd generation devices
 - **Optics**: photonics & plasmonics for light trapping, tracking and spectral splitting
- Program features invited talks, poster session & small group discussions with speakers.
 - Attendees are welcome to submit an abstract for the poster session. (deadline July 20)
 - The agenda, full list of speakers, abstract submission, and registration details can be found at <http://lmi.caltech.edu/2012workshop>.
 - Attendees are encouraged to register for IPS-19, the 19th International Conference on Photochemical Conversion and Storage of Solar Energy, taking place at Caltech from July 29-August 3, 2012. (www.ips19.com)

