Redefining the Limits of Photovoltaic Efficiency

WORKSHOP

Sunday, July 29, 2012
California Institute of Technology
8:30AM-5:00PM

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*
- **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*

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, a poster session and small group discussions with speakers.
- Attendees are welcome to submit an abstract for the poster session. (deadline July 16)
- 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)

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