

OIDA's Green Photonics Forum The Role of Optoelectronics in a Sustainable Future

September 9-10, 2008 ♦ Lakewood, CO (Boulder/Denver)

September 9, 2008

- 8:00 Continental Breakfast
8:30 Welcome and Introduction – Eric Wesoff, Greentech Media
8:45 **Solar Keynote**

Solar R&D

- 9:15 NREL – Dean Levi
A key issue in PV R&D is relating the performance of PV devices to the methods and materials used to produce them. NREL strives to provide accurate and timely measurements of the EO properties as a function of device processing to provi
- 9:35 Plextronics – Mary Boone
Organic Photovoltaic Inks – Developments, Materials Progress, and Market Potentials
- 9:55 *Coffee Break*
- 10:10 Intel*
Moving Solar R&D to Market
- 10:30 JDSU – Martin Muendel*
R&D Activities in Advanced Fiber Lasers for Solar Applications

Solar Applications for Photonics

- 10:50 Newport Corporation – Dave Clark

Integrating Electronics with Solar

- 11:20 National Semiconductor*

Concentrated Photovoltaics

- 11:40 GreenVolts – Bob Cart
Integrating Optoelectronic Technologies and Winning Utility Contracts with CPV
- 12:00 NREL – Sarah Kurtz
Overview of CPV Technologies/Device and System Performance
- 12:20 Cyrium – Steve Eglash*
Achievements in III/IV Semiconductor Performance for CPV Applications
- 12:20 *Lunch*

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September 9 - continued

Solid-State Lighting / Technology Progress, Light Sources, and Market Penetration

- 1:40 Applied Materials – Annette Finsterbusch
Solid State Lighting – An Investor's Viewpoint
- 2:00 Kodak – Y.S. Tyan
State of the Art in OLED Lighting
- 2:20 OSRAM – Markus Klein*
- 2:40 Sylvania*
LED Lighting vs. PPAs – A New Business Paradigm
- 3:00 Siemens – Adam Donellan
Technology Progress in UV Light Sources for Water Purification
- 3:30 *Coffee Break*
- 3:45 Breakout Session / Roadmapping
- 5:15 Reports from Breakout Leaders
- 5:30 Evening Reception

September 10, 2008

- 8:00 Continental Breakfast

High Efficiency Transceivers

- 8:30 Lightwire – Dave D'Andrea
- 8:50 JDSU*
- 9:10 Finisar – Julie Eng*

New Device and System Architectures to Reduce DC Power Consumption

- 9:30 University of California, Davis – Ben Yoo
- 9:50 Intel*
- 10:10 Google*
- 10:30 Cisco*
- 10:50 *Coffee Break*
- 11:05 Infinera – Dave Welch*
- 11:25 Vista Ventures – Lisa Reeves
Venture Capital Viewpoint
- 11:45 Wrap Up – Eric Wesoff, Greentech Media
- 12:00 *Lunch*
- 1:00 *Adjourn*

* Invited