

“OLED Materials for Lighting and Displays”

A New Industrial Chemistry and Engineering (NICHE) Workshop by the Council for
Chemical Research.

June 6-8, 2011

Radisson University Hotel
Minneapolis MN

Tentative Agenda – April 21

June 6, 2011

- 6:00pm **Meet & Greet**
7:00pm **Keynote Address**
OLED History, Outlook and Opportunity
Paul Burrows, Reata Research LLC
- 8:00pm **Coffee & Dessert Reception**

June 7, 2011

- 8:00am **Session 1: OLED Outlook & Opportunity**
- Market Perspectives for Lighting*
Michael Lu, Acuity Brands Lighting
- Market Challenges Facing Lighting OEMs*
Norman Bardsley, Consultant
- Market Perspectives & Challenges for Displays*
Kevin See, Lux Research
- 10:00am **Session 2: Technical Challenges for Individual Components**
- Materials & Architectural Development in White-Emitting OLED Devices*
Marina Kondakova, OLEDWorks
- Commercial Development of Hole Injection Layers*
Matthew Mathai, Plextronics
- Material Advances for High Efficiency OLEDs*
Peter Djurovich, USC

Conductivity Doping
Calvin Chan, Sandia National Lab

HTL & ETL + Dopants
Daniel Gaspar, PNNL

4:00 **Session 3: Technical Challenges & Opportunities for OLED Processing**

Vapor Deposited Sheet Processed OLEDs
Holger Schwab, Philips Lighting GmbH

Material and Process Challenges for Commercial OLED Displays and Lighting via Solution Printing and Coating
Daniel LeCloux, DuPont

6:00 **Networking Reception**

June 8, 2011

8:00am **Session 4: Technical Challenges & Opportunities for Non-Emitter Components**

Survey of Transparent Conducting Oxide Layers
David Ginley, NREL

Challenges for Commercially Viable Transparent Conducting Oxide Layers
Roman Korotkov, Arkema

Metal Nanowires as Alternative Transparent Conductor
Florian Pschenitzka, Cambrios Technologies

Light Out Coupling
Steve Forrest, Univ of MI

Barrier Films & Device Encapsulation
Fred McCormick, 3M

11:40 **Workshop Summary**

12:20 **Adjourn**