



## 2-Day Conference & Exhibition

February 17-18, 2009 | [www.uvebwest.com](http://www.uvebwest.com)

## UV/EB Curing for Photovoltaics

### UV helps with key drivers in the Photovoltaics market:

- cost parity with existing power sources
- improving efficiency

UV curing technology is uniquely positioned to help achieve these goals.

The extremely fast UV cure process has a major impact on production costs and means less capital equipment is required, along with a less complicated process design.

Equally as important, UV curing technology allows the development of multipurpose coatings and adhesives. Some promising areas for UV curing:

- antireflective coatings to improve PV cell efficiency
- barrier coatings
- optical adhesives
- UV curable conductive inks
- pastes and anti scratch and abrasion resistant coatings

The combination of new chemistries and extremely rapid, ambient temperature and pressure cure are important tools in the development of new generations of PVs.

Plus, the benign nature of the UV curing process itself (using light as a reagent) lends itself to a technology that is a major standard bearer for sustainable energy.

### Learn more at uv.eb WEST 2009 in our Special Photovoltaics Session featuring the following presentations:

- Barrier Coatings for PV Systems, *Robert Jan Visser, Vitex Systems*
- UV-Curable High Refractive Index Materials for Light Managements, *Jeffery Wang, Cytec*
- Photovoltaic Coatings, *Paul Snowwhite, ADCO Products*
- Assessing the Exterior Durability of UV/EB Cured Systems, *Josh Oliver, Sartomer Company*
- Sustainable UV Conductive Inks - Delivering Economic ROI and Sustainability for Electronic Applications, *Michael Kelly, Allied PhotoChemical*

**Special Keynote  
Presentation by  
Dr. Raymond Oliver!**

