

Large Area Coating

The Large Area Coating Technical Advisory Committee, in conjunction with the Program Committee, is seeking papers for the 2011 Society of Vacuum Coaters TechCon in Chicago, IL.

This year, Large Area Coating is participating in two topical Symposia in the technical program. Papers submitted in the solar power/alternate energy area, where the focus is on alternate energy generation, storage and conversion, will be slotted into a Large Area Topical group within the Thin Film PV Symposium. Papers that deal with developing markets will go into the Future of PVD Symposium. Papers in the traditional products and processes for large area applications will be grouped into the traditional Large Area Session.

Please submit all abstracts that deal with large area coating to the Large Area Session and the papers will be grouped according to topic within the Symposia and Large Area Session. Areas of focus are expected to be:

- *Advances in thin film photovoltaic, second-surface and first-surface reflectors and absorption coatings and associated technologies for green/alternative energy applications*
- *Advances in coatings and coating technology for battery and energy storage applications*
- *Advances in electrochromic and other active-window coating technologies*
- *Advances in coatings for touch screen, cell phone and other display applications*
- *Advances and improvements to functional coatings in areas such as transparent conducting oxides, temperable and bendable coatings, easy-clean and bio-active coatings and surface modification coatings by large area processes, including but not limited to hydrophobic, hydrophilic, reduced-friction, wear-resistant and chemically-resistant coatings, thermal control, anti-reflection, mirror and barrier coatings*
- *Innovations in critical coating equipment including coaters, magnetrons, power supplies, pumps, on-line monitoring and defect analysis*
- *Innovations in sputter targets and other critical coating elements*
- *Advances in modeling, simulation and reverse-engineering of large area coatings, processes and equipment*
- *Focused information that will teach us how to extend the reach of large area coating operations into markets and products of significant opportunity*

Large Area Coating TAC Chair: Michael Andreasen, AGC Flat Glass North America (707/365-7433; michael.andreasen@na.agc-flatglass.com). Assistant TAC Chair: Johannes Strümpfel, VON ARDENNE, Germany (49/351-2637350; struempfel.johannes@vonardenne.biz)