

CMT's 1st Asia Summit Polymer Apps in PV

16-17 June 2011 / SHANGHAI
InterContinental Shanghai Pudong

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DAY 1 - 16 June 2011, Thursday

- 08:00 Registration & Coffee
- 09:00 Chairman's Welcome & Introduction
- 09:10 **Rationalising Costs & Performance: Customizing for Application and Location Specific**
Dr. Srinivasamohan Narayan, Vice President (Technology) Hanwha Solarone
- 09:45 **Solar Sector Developments in the Middle East - Market, Material & Technology Challenges**
Vahid Fotuhi, Director (Middle East) BP Solar
- 10:20 **Solar Market Outlook for China – What are the Implications for Polymer Material Suppliers?**
Dylen Liu, Vice President Pacific Epoch
- 10:55 Discussion followed by Refreshment Break
- 11:30 **Photovoltaics Market – Present and Future Trends**
Charlie Jiang, Executive Director of Energy & Power Systems Frost & Sullivan
- 12:05 **Expediting Time to Market of PV Modules by Meeting International Standards**
 - Which international standards should be covered?
 - Start with the basic module
 - How to design the approbation road map?*He Jian Hua, Project Manager (Photovoltaic Products Certification) VDE GS Shanghai*
- 12:40 Discussion followed by Networking Lunch

- 14:00 Chairman's Remarks
- 14:05 **Current Status of Requirements for Backsheet Material**
Jacky Bai, General Manager (Solar/Fuel Technologies & PV Components) TUV Rheinland (Shanghai) Co., Ltd
- 14:30 **Fluoropolymer or Non-Fluoropolymer: Study of the Relationship of Backsheet Performance and Material Properties**
 - Why fluoropolymer for Photovoltaic backsheet
 - Performance of fluoropolymer backsheet and relationship to material properties/ film structure
 - Benchmark analysis of backsheets with various materials*Anthony Bonnet, Photovoltaic & Industrial Development Manager Arkema*
- 15:00 **Quality Issues in Encapsulate Material & Module Manufacturing**
Stefan Schulze, Team Leader Polymer Materials Fraunhofer - Center for Silicon Photovoltaics CSP (Fraunhofer-Center für Silizium-Photovoltaik CSP)
- 15:30 Discussion followed by Refreshment Break. *Sponsored by*
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Precisely Right.
- 16:00 **Hydrolysis Resistant PET Film for Durability in PV Modules**
Shoichi Gyobu, Project Manager (New Business Planning Dept) Toyobo Co., Ltd.
- 16:30 **Polyvinylbutyral (PVB) in Developing Building Integrated Photovoltaics (BIPV)**
Dr. Bernd Koll, Technical Marketing Manager Kuraray Europe GmbH
- 17:00 Discussion followed by End of Day One

DAY 2 - 17 June 2011, Friday

- 09:00 Chairman's Remark
- 09:10 **EVA Outlook: Global & Regional Market Trends & Capacities**
David Anderson, Business Director (Global Polyolefin Solutions) Townsend Solutions
- 09:40 **EVA vs. PVB vs. TPU – Technology Advancements for Solar Encapsulants**
 - Comparison of solar encapsulant technologies
 - Technological advancements / trends
 - Cost reduction levers in action*Christopher L. Reed, Global Business Director (Photovoltaics) Solutia*
- 10:10 **Hydro Fluoric Acid Dynamics for PV Industry**
Sendhil Naathan, Vice President TANFAC Industries Ltd. (Part of Aditya Birla Group)
- 10:40 Discussion followed by Refreshment Break
- 11:10 **Silane Modified Polymers in Sealants and Adhesives for Photovoltaics – Markets Beyond 2012**
John Cocco P.E., Vice President (Global Product Development - Adhesive Technologies) Henkel Corporation
- 11:40 **Processing Behaviour and Mechanical Properties of Encapsulates in PV Modules**
Stefan Schulze, Team Leader Polymer Materials Fraunhofer - Center for Silicon Photovoltaics CSP (Fraunhofer-Center für Silizium-Photovoltaik CSP)
- 12:10 Final Discussion followed by Closing Lunch
- 13:30 End of Conference