



GLASS PERFORMANCE DAYS

CONFERENCE & GLASS EXPO 17 – 20 JUNE, 2011

WORKSHOPS 16 - 17 JUNE, 2011

TAMPERE, FINLAND

www.gpd.fi/finland

SOLAR SESSIONS IN GPD 2011

Solar: Materials & Technology

Chairmen: Axel Giesecke - Dow Corning & Olivier Mal - AGC Flat Glass & Luc Moeyersons - DuPont de Nemours

Additional surplus of an antireflective coating (HT-coating) on solar float glass in the field

Mr. Steffen Kittler, Interpane

Transparent conductive materials for solar applications by atmospheric production methods

Dr. Joop van Deelen, TNO Science and Industry

Bifunctional solar coatings: antireflective and self cleaning

Dr. Gundula Hensch, TU Clausthal

10.30 - 11.15 COFFEE BREAK

Gradient Refractive Index Antireflection Films for Solar Energy Application

Dr. Michael Minot, MinoTech Engineering Inc.

Local initiators of glass alteration

Prof. Edda Raedlein, Ilmenau University of Technology

Bipolar DC Waveform Characterization

Mr. Ken Nauman, Advanced Energy Industries Inc.

12.30 - 13.45 LUNCH

Analysis of Long Term Creep of PVB Encapsulate

Dr. Witold Szydowski, Solutia Inc.

Thin float glass PV module with ionomer encapsulant: Ultra Fine Flat* with DuPont® PV5300

Mr. Luc Moeyersons, DuPont de Nemours

Anti-reflective hybrid coatings for glass application

Dr. Kornelia Matloka, DSM Functional coatings

15.15 - 16.00 COFFEE BREAK

TCO production window of the nAERO process

Mr. Erkki Seppäläinen, Beneq Oy

Selecting equipment for solar glass processing lines: an exploratory study on user experiences among the solar glass processors

Miika Äppelqvist, Glaston Finland Oy

The role of the getter in the glass to glass encapsulation

Antonio Bonucci, SAES Getters

Advanced Ionomer Encapsulants for Thin Film Technology

Dr. Michael Fehlings, DuPont de Nemours (Deutschland) GmbH

Benefits of Innovative Encapsulants for MicromorphTM Technology

Mr. Ilias Garidis, Heliosphera SA

Solar - Applications

Chairmen: Bernhard Koll - Kuraray Europe GmbH Division Trosifol & Volker Geyer - Scheuten Solar

Keynote Speaker: Tba

Mr. Wilhelm Ingmar, EPIA President

New Developments in the Commercialization of Glass based Dye Solar Cell (DSC) Building Integrated Photo Voltaics (BIPV) Products

Mr. Marc Thomas, Dyesol, Inc. & GM Glass Business Group

IGU and solar panel application optimization with numerical model for the various Russian regions

Mr. Stanislav Chesnokov, Glass Research Institute

10.30 - 11.15 COFFEE BREAK

Enhancement of Energy Efficiency at Glass Tube Fusing

Mr. Hendrik Gebauer, Laser Zentrum Hannover e.V.

Prospects for Asia's solar industries

Mr. Andy Skillen, Asian Solar - Asian Glass

Challenge of producing dedicated glass for PV applications

Mr. Hans Mahrenholtz, glass global consulting GmbH

12.15 - 13.45 LUNCH

Anti-reflexive coatings for solar PV glass bear a great potential for innovations to increase module efficiency.

Mr. Florian Haacke, Apricum - The Cleantech Advisory

Solar - Quality

Chairmen: Bernhard Koll - Kuraray Europe GmbH Division Trosifol & Volker Geyer - Scheuten Solar

Extreme soiling of PV-modules

MR. Keohl Michael, Fraunhofer ISE

Defect Inspection and Precision Measurement in Solar Glass Processes

Mr. Kenneth Wawrew, SynergX

15.15 - 16.00 COFFEE BREAK

Evaluation of the performance of solar glass used for PV-modules

Mr. Michael Köhl, Fraunhofer ISE

BIPV (Building Integrated Photovoltaic) – architectural design of the future?

Leo Breukers, Bridgestone Evasafe

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