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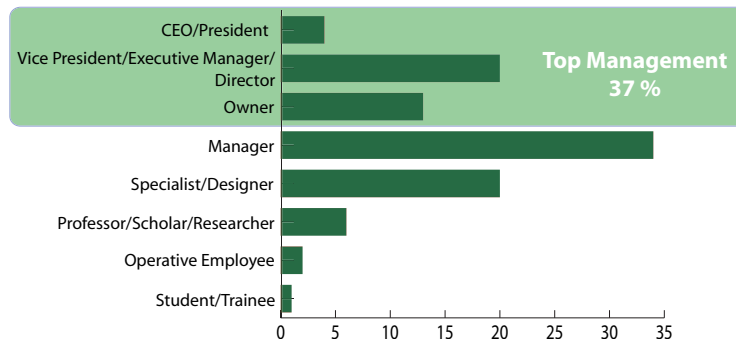
ON FRIDAY 12 JUNE, 2009 AT 15.00

OUTSTANDING SPEAKERS FROM SOLAR, GLASS INDUSTRY AS
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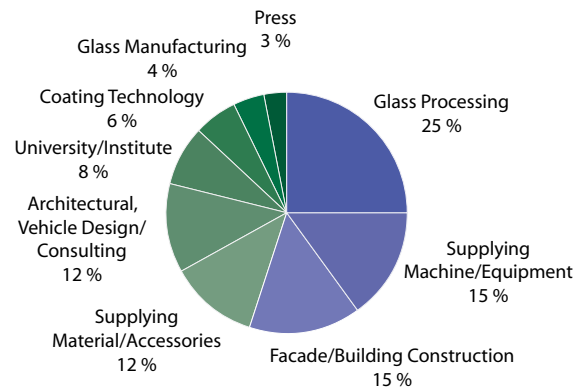
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PROGRAMME ON SATURDAY 13 JUNE 2009

ENERGY PERFORMANCE IN BUILDINGS

Chairmen: Warner Wagner, Sika Services AG;
Martin Sykora, AGC Flat Glass Europe ; James
Benney, National Fenestration Rating Council

08:45 *INTRO*

09.00 Energy efficiency activities in the United States and the impact on fenestration products and systems
J. Benney, NFRC

09.30 EU legislation and policies for energy efficiency in buildings
R. Wilberforce, Glass for Europe

09.50 The label of energy-saving performance in doors and windows of buildings
S. Xinyong, CBMA

10.10 Solar Glazing at Singapore's first Zero-Energy Building
S. Wittkopf, National University of Singapore

10.30 – 11.15 *COFFEE* & discussion with speakers

11.15 Optimal glazing for optimal energy savings
D. Ramboux, AGC Flat Glass Europe

11.35 Energy usage comparisons of typical building types in various locations
L. Carbery, Dow, Corning Corp.

11.55 The research of thermo technical characteristic of window glazing by PVC...
A. Verkhovskiy, NIISF RAABS

12.15 – 13.45 *LUNCH* & discussion with speakers

13.45 Beware! Transparency vs reflectivity: avoid the import of European glazing concepts...
A. Millwood, Emirates Glass LLC

14.05 Improvements in the method of calculating the energy performance of laminated glass
I. Calderone, Calderone and Associates

14.25 Applications of coated glass in high performance energy efficient windows
A. Roos, Uppsala University

14.45 Dynamic building façades for zero energy buildings / S. Selkowitz, LBNL

15.15 – 16.00 *COFFEE* & discussion with speakers

16.00 The CO₂-cutting benefits of installing Solar Control Glass in buildings
B. Carrel-Billiard, Saint-Gobain Glass

16.20 Variable light transmission - Laminated - Thermo-chromic...
F. Millert, Pleotint

16.40 Timber-glass composite structural panels
J. Pequeno, University of Minho

17.00 Characterization of translucent glazing units for the design and evaluation of...
G. Rossi, INRIM

17.20 Energy saving by use of active roof windows
B. H. Philipson, Velux A/S

ARCHITECT FORUM *NEW!*

Chairmen: Ulrich Knaack, TU Delft; Jens
Schneider, Technische Universität Darmstadt

08:45 *INTRO* : JENS SCHNEIDER, TECHNISCHE
UNIV. DARMSTAD

09.00 Title to be received
K. Oosterhuis, ONL

09.30 BIO[re]B[o]T : Ecosophical apparatus & skizoïd machines
F. Roche, R + Sie

10.00 Material sensibility [Iteration of work on the effects of material experimentation]
A. Piber, UN-Studio

10.30 – 11.15 *COFFEE* & discussion with speakers

11.15 Light in the public realm
J. Carpenter, James Carpenter Design Associates Inc

11.45 New trends in Free form design
N. Baldassini, RFR

12.15 – 13.45 *LUNCH* & discussion with speakers

13.45 Thinking Big with structural glass
J. O'Callaghan, Eckersley O'Callaghan Ltd

14.15 Transparent cubical glass building in Madrid
M. Eekhout, Octatube

15.15 – 16.00 *COFFEE* & discussion with speakers

16.00 Cold bent glass curtain wall for the 78 story Jinta Office Tower
J. Kooymans, Halcrow Yolles Inc.

16.30 New dimensions
U. Knaack, TU Delft

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FULL ABSTRACTS GO TO
WWW.GPD.FI

TEMPERING / PRE-PROCESSING

Chairmen: Seppo Lautamäki, Glaston Finland;
Francis Serruys, Saint-Gobain Glass Solutions

08:45 *INTRO*

09.00 Explanation for edge bending of glass in tempering furnace
A. Aronen, Tampere University of Technology

09.30 Atmosphere & temperature interaction in tempering furnace...
G. Rancoule, Vesuvius

10.00 Proposal to enhance the heat soak test following EN-14179-1...
O. Yousfi, SIMaP

10.30 – 11.15 *COFFEE* & discussion with speakers

11.15 A significant breakthrough in the new process for tempering very thin glass
P. Boaz, Glass Products Consulting LLC

11.35 How edge-work effects the glass strength and tempering quality
F. Lumini, Glaston Italy Spa

11.55 Quality criteria of curved glass
J. Büscher, Glasid AG

12.15 – 13.45 *LUNCH* & discussion with speakers

PROCESS DESIGN - VALUE CHAIN

Chairmen: Klaus Mühlhans, ALBAT + WIRSAM Software AG; Seppo Lautamäki, Glaston Finland

13.45 Key performance indicators of glass processing plants
F. Benischke, Academy of Business Administration and Public Management, Giessen

14.15 How to improve your profitability with the latest glass processing machinery and software solutions
E. Jalkanen, Glaston Ltd

14.45 Advantages of a well thought out, state of the art logistic in the glass production
R. Storchenecker, Bystronic Maschinen AG

15.15 – 16.00 *COFFEE* & discussion with speakers

16.00 Order Modeling for Glass Manufacturing Process
S. Wattamwar, TU Eindhoven

16.20 Shaping techniques for freely curved architectural glass
D. Rietbergen, TU Delft

16.40 an intelligent production scheduling system for glass industries
M. Heydar, Behnoor Safety Glass

17.00 Inspection systems networked with production control software
K. Vogel, Viprottron GmbH

CHANGING MARKETS - LOCAL VS. GLOBAL

Chairman: Helmut Hohenstein, Dr. Hohenstein
Consultancy

08:45 *INTRO*

09.00 Russian flat glass market: central tendencies and growth problems
L. Shakhnes, Glass Enterprises Union

09.30 Glassworld position in the new energy markets
J. Coenen, Glass Market Consultancy BV

10.00 "Architectural trends - Thru the Looking glass"
C. Bostick, Charles W. Bostick Consulting Architects

10.30 – 11.15 *COFFEE* & discussion with speakers

11.15 Short and long term perspectives for solar thermal and photovoltaic technology
G. Striyi-Hipp, BSW

11.45 Glass façades in South America – Transferred technologies
G. Marshall, Estudio Marshall & Asociados SA.

12.15 – 13.45 *LUNCH* & discussion with speakers

13.45 Building integrated solutions – Chance or threat
H. Hohenstein, Dr. Hohenstein Consultancy

14.15 The financial crises as a challenge for the industry, by organized marketing
P. Bastianen, Vindigo Surface Technologies

14.45 The role of fenestration for less energy consumption and greenhouse gas emission reductions
F. Koos, EuroWindow

15.15 – 16.00 *COFFEE* & discussion with speakers

16.00 Back bedding comes to Europe
H. Kahles, H.B.Fuller GMBH

16.20 Transport challenges in the supply chain of float glass
B. Strikkers, Van Huët Glass Logistics

16.40 The opacity of float: Clarifying crises, challenges, opportunities, and market forces impacting the North American flat glass industry
W. Yanek, Glass Association North America

16.55 International dimensions of AGRR market
P. De Ridder, International Automotive Glass Federation

17.10 The state of the industry in the UK
N. Rees, Glass and Glazing Federation

CHALLENGES OF LARGE AREA COATING PROCESSES

Chairman: Steve Nadel, Applied Materials

08:45 *INTRO*

09.00 Diamond-like carbon as protective coating for decorative glass
R. Petrmichl, Guardian Industries Corp.

09.30 nAEROTm - On-line coating for glass manufacturing
J. Pimenoff, Beneq Oy

09.50 Reactive-sputtering voltage control: Achieve up to 10 times the typical sputter...
K. Nauman, Advanced Energy Industries, Inc.

10.10 Heat treatable coatings
C. Koeckert, VON ARDENNE Anlagentechnik GmbH

10.30 – 11.15 *COFFEE* & discussion with speakers

11.15 Design and features of new power supplies for TCO coating deposition
D. Ochs, HUETTINGER Elektronik

11.35 Uniformity control in reactive magnetron sputtering
V. Bellido-Gonzalez, Genco Ltd

11.55 Is it possible to avoid transluence by dew on the outside surface of architectural...
H. Weis, INTERPANE

12.15 – 13.45 *LUNCH* & discussion with speakers

13.45 Superhydrophobic antireflective boehmite film made by sol-gel technique on glass
X. Zhang, Tampere University of Technology

14.05 Photocatalytic and Antibacterial Properties of Transparent TiO₂ Based...
M. Kurtoglu, ARTCRAFT INC.

14.25 The next generation of switchable glass: the Micro-Blinds
B. Lamontagne, National Research Council

14.45 14.45 PV Solar Electricity as a globally major future electricity provider...
W. Hoffmann, Applied Materials

15.15 – 16.00 *COFFEE* & discussion with speakers

16.00 Evaluation of antireflective coatings in solar energy...
P. Nostell, NoSTec

16.20

16.40 A multidisciplinary approach towards advanced transparent conductive electrodes
B. Szyzka, Franhofer Institute for Surface Engineering and Thin Films IST

17.00 Protective coating of float glass by liquid anti-corrosion systems
M. Emonds, ACW

PROGRAMME ON SUNDAY 14 JUNE 2009

NEW PRODUCTS & APPLICATIONS

Chairman: Norbert Wruk, Pilkington Deutschland AG

08:45 *INTRO*

09.00 Metal-to-glass bonding properties of an acrylate adhesive (DELO GB368) and an ionoplast interlayer (SentryGlas) at 23, -20 and 60°C.

C. Louter, Delft University of Technology

09.30 Hybrid components of glass and polycarbonate

B. Weller, Technische Universität Dresden

09.50 New marine glazing developments

V. Gizzi, DuPont de Nemours

10.10 Innovative glass products and glass constructions

P. Tückmantel, Hunsrücker Glasveredelung Wagener GmbH & Co. KG

10.30 – 11.15 *COFFEE*

& discussion with speakers

11.15 Phosphorescent glass in architecture and design

S. Wächold, Gruppe RE interior + product design

11.35 Size matters - and fire safety must be secured

W. Hillmann, INTERVER AG

11.55 Fire resistance with Low-E coated glass

J. Koudijs, DGMR

& discussion with speakers

12.15 – 13.45 *LUNCH*

13.45 Comparison of corrosion tests for architectural glass enamels

U. Brokmann, TU Ilmenau

14.05 High performance nano-coatings for glass

G.E. Sakoske, Ferro Corporation

14.25 100% Silicone based four sided spandrel coatings

M. Rahim, ICD, High Performance Coatings

14.45 New product range for glass decoration

R. Drach, Sefar AG

& discussion with speakers

15.15 – 16.00 *COFFEE*

16.00 Transparent electronic interlayers

D. Shavit, SUN-TEC Swiss United Technologies Co. Ltd.,

16.20 Unique publications for anti-reflective glass

C. Barry, Pilkington NA Inc.

16.40 Laminated glass with LED embedded

H. Lefèvre, AGC Europe

17.00 Laser-based fast and flexible surface structuring of glass

H. Gebauer, Laser Zentrum Hannover

ARCHITECTURAL CHALLENGES & SOLUTIONS

Chairmen: Lawrence Carbarry, Dow Corning; Graham Dodd, Arup Materials Consulting

08:45 *INTRO*

09.00 A model to describe the load resistance (strength) of heat treated architectural glass

H.S. Norville, Texas Tech University

09.30 Study of panelization techniques to inform Free-Form architecture

J. Kooymans, Halcrow Yolles Inc.

09.50 A design concept for bent insulated glasses for the reading room of the Berlin State Library

J. Neugebauer, University of Applied Sciences

10.10 Bonded point fixities for constructive architectural glass applications

M. Bues, Munich University of Applied Sciences

10.30 – 11.15 *COFFEE*

& discussion with speakers

11.15 Effects on the stress distribution of bonded joints with light-curing acrylates

B. Weller, Technische Universität Dresden

11.35 Bracing steel frames with adhesive bonded glass panes - mechanical models

F. van Herwijnen, TU Eindhoven

11.55 Fail-safe design of façades with a new point fixing device

G. Royer-Carfagni, University of Parma

12.15 – 13.45 *LUNCH*

& discussion with speakers

13.45 Studying the performance of an electrochromic envelope in an office building in Mediterranean climate

G. Loddo, Cagliari Univ.

14.05 CLC - Coloured Liquid-Crystal prototype

R. Rubio-Hernández, UVa School of Architecture

14.25 Electronically tintable glass: The future of high performance façades...

H. Sanders, SAGE Electrochromics, Inc.

14.45 High-strength fibre rods as embedded reinforcement in SentryGlas-laminated architectural glass beams

C. Louter, Delft University of Technology

15.15 – 16.00 *COFFEE*

& discussion with speakers

16.00 Failure behaviour of glass beams under combined static and impact loading comparison of safety

F. Bos, TUDelft

16.20 Novel integrated curtain wall concept using GFRP composite materials

M. Kragh, Arup

16.40 Use of laminated glass in a 18m long structural glass walkway

P. Wilson, Malishev Wilson Engineers

SOLAR AND GLASS TECHNOLOGY - MARKET & APPLICATIONS

Chairmen: Axel Giesecke, Dow Corning; Olivier Mal, AGC Flat Glass

08:45 *INTRO*

09.00 Feed in tariff in Germany

H.-J. Fell, Member of the German Bundestag

09.30 Anti-reflection coatings for solar energy devices

M. Harvey, XeroCoat Inc

09.50 New standard in PV industry: Solar floatglass with antireflective coating

T. Plessing, Interpane Glas Industrie AG

10.10 Innovation at DSM: State of the art single layer anti-reflective coatings for solar cell cover glass

P. Buskens, DSM Research

10.30 – 11.15 *COFFEE*

& discussion with speakers

11.15

11.35 Development of textured TCO for thin film silicon solar cells

O. Agustsson, AGC European R&D Centre

11.55

12.15 – 13.45 *LUNCH*

& discussion with speakers

13.45 Silver based transparent conductive coatings on glass for thin film solar cell applications

Y. Lu, Guardian Industries

14.05 Advanced CIS thin film photovoltaics

P. Mogensen, Avancis GmbH & Co KG

14.25 Large area deposition of Al-doped ZnO for Si-based thin film solar cells by magnetron sputtering

V. Sittinger, Fraunhofer IST

14.45 Glass inspection techniques in PV glass quality control process.

K. Wawrew, SynergX Technologies Inc

15.15 – 16.00 *COFFEE*

& discussion with speakers

16.00 Solar glass with new properties

U. Wagner, Jenoptik Germany

16.20 High performance and durable anti-reflecting coatings

S. Thomsen, Guardian Industries Corp.

INSULATING GLASS UNITS

Chairman: Michael Rossa, IFT Rosenheim GmbH
Joe Erb, Edgetech IG

08:45 *INTRO*

09.00 Evaluation of the stability of evacuated glazing

N. Ng, The Univ. of Sydney

09.30 Production equipment for advanced Vacuum Insulating Glass

W. Friedl, Grenzebach Maschinenbau GmbH

09.50 Translucent insulating nanogel glass

F. Schneider, OKALUX GmbH

10.10 Proposal for an energy rating system of windows in EU

Mette Belling Skou, Velux A/S

10.30 – 11.15 *COFFEE*

& discussion with speakers

11.15 Modeling of insulated glass durability: Development of a Simulation Tool

R.J. Pylkki, Aspen Research Corporation

11.35 Glass bonding in windows - What about the insulating glass?

W. Wagner, Sika Services AG

11.55 "Vitrag Respirant": a new type of Insulating Glass allowing for improved thermal and acoustic insulation

M. Cossavella, CSTB

12.15 – 13.45 *LUNCH*

& discussion with speakers

13.45 Warm edge - making the right choice - focus on workability, sizes and last but not least façade glazing or ig units for the window industry

J. Holm, ROLLTECH A/S

14.05 Methodology for the determination of representative psi-values of thermally improved spacers

N. Sack, ift Rosenheim

14.25 Using novel sealant technology to achieve cost effective warm edge solutions

H. Kahles, H.B.Fuller GmbH

14.45

15.15 – 16.00 *COFFEE*

& discussion with speakers

16.00 The fogging of I.G.U. units in stick and curtain wall installations

G. Winstanley, Yuanda Australia

16.20 Challenges of bent insulating glass

J. Erb, Edgetech IG

16.40 News of intergraded windows production

K. Puschmann, Bystronic Lenhardt GmbH

17.00 Insulating glass certification system

S. Xinyong, China Building Material Test and Certification Center

LAMINATED GLASS / PROCESS / DESIGN

Chairmen: Julia Schimmelpenningh, Solutia Europe S.A/NV; Johan Mortelmans, Kuraray Europe GmbH Division Trosifol

08:45 *INTRO*

09.00 Geometry, Mechanics and the Environment: Integrated Transparent Thinking

N. Baldassini, RFR

09.30 Mechanical participation of interlayer on laminated glass for building applications

R. Decourcelle, Saint Gobain Glass

09.50 The influence of the interlayer on the behaviour of laminated glass in the...

G. Ranocchiai, University of Florence

10.10 Improved post-breakage behavior of laminated glass due to embedded...

S. Feirabend, Werner Sobek Stuttgart

10.30 – 11.15 *COFFEE*

& discussion with speakers

11.15 Stiffness of laminated glass - Influence of different loading conditions

D. Callewaert, Ghent University

11.35 Thermo mechanical behaviour of polymeric interlayer materials

B. Weller, Technische Universität Dresden

11.55 Laminating challenges in today's market

S. Hiss, Kuraray - Trosifol

12.15 Optical and thermal simulation of laminated glass with internal coatings

T. Baenas Tormo, Cristalería Soler Hnos, S.A.

12.45 – 13.45 *LUNCH*

& discussion with speakers

AUTOMOTIVE - NEW CHALLENGES & TECHNIQUES

Chairmen: Vincent I. Henry, Henry Technology Solutions L.L.C

13.45 Reducing weight while improving comfort

S. Leroux, Solutia

14.15 Improvements to the processability and performance of IR reflective inter-layers

M. Coda, Southwall Technologies Inc.

14.45 Heatable glass using carbon nanotube

S. Son, Hyundai Motor Company

15.15 – 16.00 *COFFEE*

& discussion with speakers

16.00 New generation of interlayers for head up display

S. Leroux, Solutia

16.20 Next generation automotive enamels

G. Sakoske, Ferro Corporation

16.40 Lightweight, durable solutions for bullet resistance glazing

V. Gizzi, DuPont Belgium

PROGRAMME ON MONDAY 15 JUNE 2009

BUILDING PROJECTS - CASE STUDIES

Chairmen: Lawrence Carbarry, Dow Corning;
Graham Dodd, Arup Materials Consulting

08:45 INTRO

- 09.00 ARoS, Rainbow Panorama by Olafur Eliasson
T. Henriksen, GlassDesign
- 09.30 Curved glass structures
F. Weber, Arup Materials Consulting
- 09.50 Structural use of glass, cruciform columns, glass portals, bolted connections subjected to bending
R.I. Petersen, Ramboll
- 10.10 The new architecture of the AUDI terminal buildings
I. Maniatis, Ingenieurbüro Dr. Siebert

10.30 – 11.15 COFFEE & discussion with speakers

- 11.15 TKTS - Once in a lifetime
A. Smith, IPIG Ltd
- 11.35 Increasing daylighting level through innovative façade design - A case study
C. Tze Kiang, Arup Singapore Pte Ltd
- 11.55 Individual approval of a vault with in-plane loaded glass panes
B. Weller, Technische Universität Dresden

12.15 – 13.45 LUNCH & discussion with speakers

- 13.45 Beyond structural transparency
F. Madeo, Buro Happold
- 14.05 The new, cold bent glass roof of the Victoria & Albert Museum, London
M. Eckhout, Delft University of Technology
- 14.25 Lincoln Square Synagogue - Using BIM as a creative tool in glass wall design
R. Green, Front Inc.
- 14.45 Thrilling twelve meter spanning, highly insulated glass roof
D. Meyer, Lucerne University of Applied Sciences and Arts

15.15 – 16.00 COFFEE & discussion with speakers

- 16.00 Façade and special structures engineering in the emerging markets of the Middle East
B. Beer, Werner Sobek Dubai
- 16.20 Customizing decorative glass façades - From design to implementation using digital technology
T. Salenius, DIP Tech
- 16.40 The Berkeley / Entrance pavillion
C. Teixidor, Bellapart s.a.u.
- 17.00 Engineering, design and erection of complex steel glass structures
F. Wellershoff, Permasteelisa Central Europe

FAÇADE SESSION - ADVANCED ARCHITECTURAL GLASS APPLICATIONS

Chairmen: Leon Jacob, Jacob & Associates

08:45 INTRO

- 09.00 Christ the Light Cathedral Oakland California
C.K. Boswell
- 09.30 Calculation methods for the structural behavior of laminated glass
S. Bennison, Dupont
- 10.00 Glass strength - A review of existing international standards - rationalisation of glass strength for a unified glass selection
L. Jacob, Jacob and Associates Pty Ltd

10.30 – 11.15 COFFEE & discussion with speakers

- 11.15 Glass-steel beams - Development of hybrid structures
B. Weller, Technische Universität Dresden
- 11.45 Fracture characteristics of heat treated glass - Safety classification characteristics
L. Jacob, Jacob and Associates Pty Ltd

12.15 – 13.45 LUNCH & discussion with speakers

- 13.45 Façades behaviour under blast - A single degree of freedom approach to evaluate the performances
G. Lori, Permasteelisa
- 14.05 A Relationship between load resistance and maximum principal stress in annealed glass
S. Morse, Texas Tech University
- 14.25 Analysis and Design of Spandrel and Shadowbox Panels
M. Michno, TJ Dehganyar
- 14.45 Glass design using the SLG-Method
J. Beyer, TU Darmstadt

15.15 – 16.00 COFFEE & discussion with speakers

- 16.00 Capital Gate - Looking beyond
J. Sischa, Waanger-Biro Stahlbau AG
- 16.20 Animated glass architecture
D. Schulte, DORMA GlasTec GmbH
- 16.40 Corrugated glass as a strategy to improve the structural behaviour of glass façades, walls, roofs and floors
R. Nijssse, University of Delft
- 17.00 High Performance Glazing Façade Environmental Systems Composition and Technology Solution for Office Building
X. Zhang, Tongji University

SOLAR AND GLASS TECHNOLOGY - MATERIAL & PROCESSING

Chairmen: Bernhard Koll, Kuraray Europe GmbH
Division Trosifol; Volker Geyer, Scheuten Solar

08:45 INTRO

- 09.00 The Solar Glass Market - Applications, Requirements and Trends
T. Hofmann, Centrosolar Group AG
- 09.30 Performance of advanced solar pvb in photovoltaic modules
U. Keller, Kuraray GMBH
- 09.50 Silicones: Ideal material solutions for the next generation PV modules
T. Kervyn, Dow Corning
- 10.10 New encapsulation solution for the PV thin film industry
K. Puschmann, Bystronic Lenhardt GmbH

10.30 – 11.15 COFFEE & discussion with speakers

- 11.15 Sealants and adhesives for photovoltaic
E. Semar, Kömmerling Chemische Fabrik GmbH
- 11.35 PVB- The right product for the manufacturing of photovoltaic modules
A. Hofmann, Solutia Europe SPRL/BVBA
- 11.55 Glass processing opportunities for solar industry
R. Nieminen, Glaston America Inc.

12.15 – 13.45 LUNCH & discussion with speakers

- 13.45 The battle of light - solar cells in glass façades
H. Lauritzen, Danish Technological Institute
- 14.05 Innovative thin-film photovoltaic modules for active building envelopes
B. Weller, Technische Universität Dresden
- 14.25 Systems for fixing of solar panels
I. Maniatis, Ingenieurbüro Dr. Siebert
- 14.45 Durable Concentrating Solar Power (CSP) mirrors
S. Thomsen, Guardian Industries Corp.

15.15 – 16.00 COFFEE & discussion with speakers

- 16.00 Laser-based fusing of glass tubes
L. Richter, Laser Zentrum Hannover
- 16.20 Future of mirrorpaints
P. De Vos, Fenzi Belgium NV
- 16.40 Solutions in solar business
ABB

PRODUCT & PROCESS CASE STUDIES

Chairmen: Klaus Mühlhans, ALBAT + WIRSAM
Software AG; Seppo Lautamäki, Glaston Finland

08:45 INTRO

- 09.00 Laser cutting equipment for all flat glass
W. Friedl, Grenzebach Maschinenbau GmbH
- 09.30 Precise glass penetration, perfect edge quality - Use of micro-structured cutting wheel cutting lengthwise
P. Pokoern, Bohle AG
- 09.50 Dynamically optimized mixed glass flow - Direct link of multiple cutting lines into IG-Production
H. Biel, Wolff+Meier GMBH

10.30 – 11.15 COFFEE & discussion with speakers

- 11.15 Glass road to united Europe.
D. Goelowski, Starglass Ltd. Poland
- 11.35 Clean glass is green glass
S. Byers, Ritec International Ltd
- 11.55 How can predictive strategies contribute in better power control and decreasing energy costs?
R. Meuleman, Eurotherm B.V.

12.15 – 13.45 LUNCH & discussion with speakers

QUALITY MANAGEMENT - COST OR MONEY MAKER?

Chairmen: Klaus Mühlhans, ALBAT + WIRSAM Software AG; Ludger Wahlers, ISRA Surface Vision GmbH

- 13.45 Program of glass products standardization in Russia
A. Chesnokov, OAO Glass Research Inst.
- 14.05 Glass failure, science fiction, science fact and hypothesis
F. Veer, TUDelft
- 14.25 German guidelines for using structural glass in buildings
P. Hof, TU Darmstadt
- 14.45 The challenge of quality and strength of the hardened architectural glass
Y. Rodichev, G.S.Pisarenko Institute for Problems of Strength of NASU & N. Tregubov, Konstantinovsky Enterprise 'Kvarsir'

15.15 – 16.00 COFFEE & discussion with speakers

- 16.00 Quality management for solar technology using marking and identification systems
T. Rainer, Halle (Saale), Germany
- 16.20 Anisotropy and optical distortion in architectural glass, can it be controlled
T. Henriksen, GlassDesign
- 16.40 New trends in high speed infrared process imaging using infrared linescanner systems
R. Gärtner, Raytek GmbH

POLYCARBONATE CHALLENGES GLASS AS A MATERIAL

Chairman: Alex Scholten, Exatec, LLC

08:45 INTRO

- 09.00 Polycarbonate automotive glazing helps address current and future...
A. Scholten, SABIC Innovative Plastics
- 09.30
09.50
10.10

10.30 – 11.15 COFFEE & discussion with speakers

PRE-PROCESSING, COATINGS, PRINTING & HEAT TREATMENT

Chairmen: Vincent I. Henry, Henry Technology Solutions L.L.C.; Luc A. Moeyersons, DuPont

- 11.15 Windshield heating and bending simulation for predicting surface contour
D. Lampman, Engineering Applied Sciences, Inc.
- 11.45 New possibilities for windshield bending
R. Senft, Grafotec Spray Systems GmbH

12.15 – 13.45 LUNCH & discussion with speakers

- 13.45 Cool coatings for sunroof and privacy glazing
M. Coda, Southwall Technologies Inc.
- 14.15 Thin film coating on automobile glass
Y. Taga, Chubu University
- 14.45 Polymeric coatings cured by ultraviolet light and moisture
B. Alpay, Dow Automotive

15.15 – 16.00 COFFEE & discussion with speakers

QUALITY ASSURANCE IN DESIGN AND PRODUCTION

Chairman: Klaus Preusser, Consultant

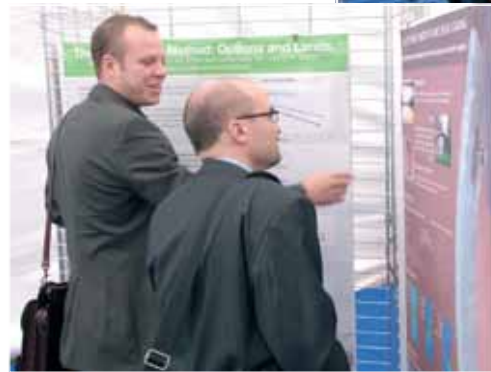
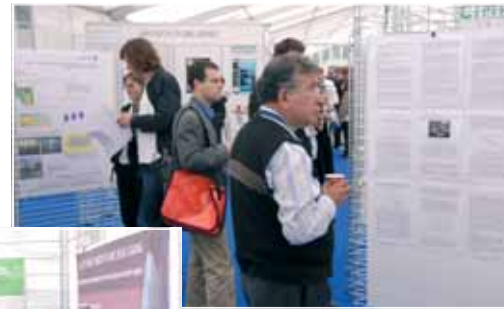
- 16.00 Glass inspection techniques in automotive glass quality control process.
K. Wawrew, SynergX Technologies Inc
- 16.20 A structured lighting for 3D shape measurement of glass surface
J-P. Chambard, HOLO3
- 16.40 Quality assurance in the solar, car and glazing markets by using a velocity...
S. Böhm, TU Braunschweig
- 17.00 On complete non-destructive residual stress measurement in architectural glass panels and automotive glazing
H. Aben, GlasStress Ltd

POSTERS 12-15 JUNE 2009

RECORD NUMBER OF HIGH-QUALITY PRESENTATIONS!

The Glass Performance Days Conference received an impressive amount of high quality abstracts. The Program Committee had a very demanding task in selecting the oral presentations from the excellent abstracts. Therefore, some of these abstracts were chosen to be presented in a poster section. This more personal presentation mode allows communication between the presenter and the delegate.

In GPD 2009 the Poster Exhibition is again arranged in conjunction with the Glass EXPO at the expo tent to bring the posters to the very heart of action during the conference. This guarantees the best possible visibility also for the poster presenters. Full abstracts of all poster presentations are available at www.gpd.fi.



ENERGY PERFORMANCE IN BUILDINGS

Improvement of daylighting through adaptive glazing

W. Haase, University of Stuttgart

TEMPERING

Point-fixed glazing - New drilling method

Andreas Haese & Univ.-Prof. Dr.-Ing. Geralt Siebert, Universität der Bundeswehr München

Spontaneous breakage of toughened glass: a review

A. Kasper, Saint-Gobain Sekurit Deutschland GmbH & Co KG O. Yousofi, SIMaP

Monitoring problematic fabricating debris defects on tempered glass surfaces

Gary Mauer, Window Cleaning Network

About self-damage of glass units with application of tempered bent glass on a swimming pool roof

Stanislav Tikhomirov & Andrey Schekhovtsov, Research Institute of Building Physics Russian Academy of Architecture and Building Science (NIISF RAABS)

Adjustable method for non-destructive control of the glass tempering parameters consistency

Yurii Rodichev, G.S.Pisarenko Institute for Problems of Strength of NASU & Dr. Maslov V.P., V.E. Lashkarjov Institute of Semiconductor Physics of NASU & N. Tregubov, Kontantinovsky Enterprise 'Kvarsit'

NEW PRODUCTS & APPLICATIONS

Laminating metal-to-glass: preliminary results of case study

Jan Belis, Ghent University, Dieter Callewaert, UGhent, Koen De Visscher, SECO, Didier Delincé, UGhent, Rudy Van Impe, UGhent

Common features of glass surface degradation

E. Rädlein, U. Brokmann, A. Hesse, Ilmenau University of Technology

A methodology for assessing the adequacy of impact-damaged glass

M. Schmidt, Wiss, Janney, Elstner Associates, Inc.

Laser processing of glass

H. Piili, M. Hirvimäki, T. Purtonen, A. Salminen, Lappeenranta University of Technology

Multifunctional built-up glass blocks

Y. Rodichev, G.S.Pisarenko Institute for Problems of Strength of NASU & Maslov V.P., V.E. Lashkarjov Institute of Semiconductor Physics of NASU Kiev & N. Tregubov, Kontantinovsky Enterprise 'Kvarsit', Konstantinovka & Solodovnikov N.A., Muzyka Yu.K. Glass works 'Altis-Glass' & Lutseyko Yu.S. Factory of Glass Works

An experimental study of crack propagation in glass with the Electronic Speckle Pattern Interferometry (ESPI) technique

Daniele Ferretti Marco Rossi, Gianni Royer-Carfagni, Mirko Silvestri, University of Parma

Structural sealants - Uni-axial mechanical properties

Bernhard Weller, Jan Wunsch, Robert Laborge, Technische Universität Dresden

Comprehensive testing at plain transparent space grids

Bernhard Weller, Stefan Reich, Jan Ebert, Technische Universität Dresden

The sustainable highway

László Vákár, Movares

Objective assessment of recycled glass for architectural applications

Rodney Bender, Ray Brown, Kelvin Donne, Tyra Oseng, Welsh School of Architectural Glass, Swansea Metropolitan University

How to design glass structures - an educational concept and its outcome

Kirsten Pieplow, Technische Universität Berlin

USB UltraSonic Bond glass fitting technique: No glass drilling, no cut outs, no adhesive!

Wolfgang Friedl, Grenzbach Maschinenbau GmbH

The light scattering by glass surface layer modified with surface ionic-exchange paste (SIEP)

O. Sidelnikova, Institute of Solid State Chemistry and Mechanochemistry & G. Pozdnyakov, Christianovich Institute of Theoretical and Applied Mechanics & A. Salanov, Boyeskov Institute of Catalysis & E. Pozdnyakova, Institute of Mining

COATINGS

Atomic layer deposition in glass industry

Sami Sneek, Beneq Oy

Photocatalytic & bactericidal transparent composite films with improved visible light activity

Murat Kurtoglu, Artercraft Inc.

Coated architectural glass

Michael Elstner, Interpane

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POSTERS 12-15 JUNE 2009

Durable antimicrobial coating based on silver

Monika Mitterhuber & Walter Hilgart, ETC Products GmbH

The Un-Solgel process: An instant method for oxide coatings on glass

D.V. Varaprasad, Guardian Industries

ARCH. CHALLENGES & SOLUTIONS

Structural Timber-Glass Composite Linear System: Characterization & Architectural Potentialities

José Pequeno, Paulo Jorge S. Cruz, University of Minho

Glass as structural bracings - shear capacity of mechanically pre-stressed windowpanes

Claudia Freitag, Darmstadt University of Technology

Laminated glass with ionoplast structural interlayer - extending the opportunities for glass in buildings

Ingo Stelzer, Dupont

Structural behaviour of the reinforced glass

Paolo Neri, Emanuela Speranzini, University of Perugia

Possibilities of digital printing in architectural glass applications

Tommi Salenius, Dip-Tech Ltd

Safety aspects of doors of thermal toughened glass

Kaja Boxheimer, Darmstadt University of Technology & Johann-Dietrich Wörner, Darmstadt University of Technology, Department of Civil Engineering and Geodesy, Statics and Dynamics of Structures

Structural bonding of transparent hybrid glass-steel beams

Martin Bues, Ö.Bucak, M. Illguth, Munich University of Applied Sciences & P.L. Geiß, M.P. Koetter, Technical University of Kaiserslautern

FEM calculations for the glass beam under various loads

Stanislav Chesnokov, Alexander G.

Chesnokov, OAO Glass Research Institute & Anastasia N. Koroleva, The Institute for System Programming of the Russian Academy of Sciences (ISP RAS)

Towards an integrated safety approach for glass structures

Freek Bos, TUDelft

Influence of elastic strain energy release on failure behaviour of stainless steel reinforced glass beams

Freek Bos, TUDelft

Performance of SentryGlas-laminated metal-reinforced glass beams at 23, -20 and 60°C.

Christian Louter, Delft University of Technology

Designing energy glazing with architecture students

Stephen Wittkopf, National University of Singapore

Glazing solutions to mitigate threats from natural disasters

Stephen Bennison, Valerie L. Block, DuPont

Determination of material properties for light-curing acrylates

Bernhard Weller, Iris Vögt, Technische Universität Dresden

Dynamic behaviour of adhesives for structural glass applications

Bernhard Weller, Felix Nicklisch, Jan Wunsch, Technische Universität Dresden

Design & development of an ultra slim insulated glass facade system

Mick Eekhout, Tu Delft University

Introduction of normal forces into load-bearing glass plates by contact

Wolfgang Maier, Technische Universität Hamburg-Harburg

Analysis of the post-crack behaviour of a laminated glass beam

Giovanna Ranocchiat, Silvia Briccoli Bati, Mario Fagone, University of Florence

Fast track - Thinking beyond

Johann Sisbka, Waanger-Biro Stahlbau AG

Eight meter spanning annealed glass bridge

Daniel Meyer & Reto Furrer, Lucerne University of Applied Sciences and Arts

SOLAR AND GLASS TECHNOLOGY - MARKET & APPLICATIONS

Laminating-process of PV-modules with Pre-Nip-technology

Richard Jakob, Bystronic glass c/o Bystronic Maschinen AG & Mr. Barnabas Greenyer, Bystronic glass c/o Armatec Vierhäus GmbH

Comparison of thin film Photovoltaic encapsulants

L. Moeyersons, DuPont de Nemours (Belgium) bubu

Mechanical reliability of thin-film photovoltaic modules

Stephen Bennison, Dupont

Using novel sealant technology in the manufacture and assembly of solar panels

Harald Kahles, H.B.Fuller GMBH

Paint systems for solar mirrors

Piet De Vos, fenzi Belgium NV

INSULATING GLASS UNITS An Innovative Insulating Glass Unit

Albert Vidal Majoral, Bellapart

Reaction to fire classification of insulating glass

M. Rossa, ift Rosenheim

Thermal stress in insulating glass

A.W. Lingnell, Lingnell Consulting Services

Modeling of insulated glass durability: environmental impact on seal temperatures

R.J. Pylkkä, Aspen Research Corporation

LAMINATED GLASS

Designing with the PVB Shear Transfer Coefficient

Julia Schimmelpenninck, Solutia Europe SPRL/BVBA

Laminated glass: Proposals for EN 12543 and EN 14449 revision

Ennio Mognato, Stazione Sperimentale del Vetro

The effective thickness for the design of laminated glass

Ignatius Calderone, Calderone and Associates Pty Ltd & Phillip S. Davies, DuPont & Stephen J. Bennison, DuPont

Experimental study of mechanical properties of a laminated glass interlayer material

Kerstin Puller, Institute of Lightweight structures and conceptual design

Glass and bending action

Paolo Foraboschi, University IUAV of Venice

Compression use of structural glass and glass structures

Paolo Foraboschi, University IUAV of Venice

Design concept of glass-polycarbonate composite panels

Bernhard Weller, Thorsten Weimar, Technische Universität Dresden

Back to future: a structural glass masonry. Mechanical performance of glass under compression

Gianni Royer-Carfagni & Mirko Silvestri, University of Parma

BUILDING PROJECTS - CASE STUDIES

Glass, Wood and Environmental Thinking

Niccolo Baldassini, RFR

M82 and SBK: The facade of two tall buildings

Barbara Siebert & Iris Maniatis, Ingenieurbüro Dr. Siebert

The Fischer glass connection system, test results for the strength and innovative design solutions

Frederic Veer, TUDelft & T. Romein, H. van Ginkel, Van Noordenne group

Case study: Glass facade upper floor, exhibition stand TOYOTA, IAA 2005

Markus Kramer, IB Kramer

Sears Tower observation galleries

J. Kooymans, Halcrow Yolles Inc.

All glass dome in Haarlem

M. Eekhout, Delft University of Technology

Design and Build of a Warped Tramstop Roof in Delft

M. Eekhout, Delft University of Technology

Design and engineering of a theatre façade in Vlaardingen

M. Eekhout, Delft University of Technology

FAÇADE

Glass and photovoltaics composite panels for factories with wind turbines as captive power plants

Sanjay Ektate, Architect

Solar energy based remote highland hamlets surrounding renewable energy based regional growth center Caravansarai

Sanjay Ektate, Architect

Capturing structural silicone non-linear behavior via the finite element method

Neil McClelland, Scott Bondi, Arup

Solid materials for in-plane load application into glass edges

Jan Ebert, Bernhard Weller, Tech. University of Dresden

Test methods for verification of laminated glass interlayer properties

Ignatius Calderone, Calderone and Associates Pty Ltd & Phillip S. Davies, DuPont & Stephen J. Bennison, DuPont

POSTERS 12-15 JUNE 2009

Managing ongoing risk from architectural glass selection within the Australian contracting environment

Angus Johnson, Bovis Lend Lease

Glass in curtain walls: investigation of damaged anti-reflective coating

Anthony Cinnamon, Wiss, Janney, Elstner Associates, Inc.

Experimental campaign and numerical simulation of the behaviour of reinforced glass beams

Maurizio Orlando, Dipartimento Di Ingegneria Civile E Ambientale

The research and monitoring od curtain wall at erection of high rise and unique buildings

Aleksey Verkhovskiy & Nikolay Pantyukhov, Research Institute of Building Physics Russian Academy of Architecture and Building Science (NIISF RAABS)

Sears Tower façade study

John Kooymans, Halcrow Yolles Inc., Tai Hollingsbee, Halcrow Yolles Inc.

PROCESS DESIGN

Case study: DynOpt and SortJet of the latest generation - Saving money and improving production flow using in a mid sized IG-company

Harald Biel, Wolff+Meier Isolierglaswerke

The transportation of floatglass by inloaders

Albert Balke, Langendorf GmbH

A novel approach for sequencing and scheduling backlite batches on a printing machine

Mojtaba Heydar & Vahid Shahroozi, Behnoor Safety Glass

PRODUCT & PROCESS CASE STUDIES

Polyurethane as an interlayer in glass-polycarbonate composite panels

Bernhard Weller, Thorsten Weimar, Technische Universität Dresden

Evaluation of use furnace equipment on the automotive glass process

Jafar Dehghani, Saipa Shisbeh

Mixed production in the HTBS furnace

Jafar Dehghani, Saipa Shisbeh

Borosilicate opal glasses with high chemical durability opacified by P2O5

M. Kargar Razi, C. Russell, (I.A.U) North branch of Teheran

AUTOMOTIVE - NEW CHALLENGES & TECHNIQUES

On vehicle testing of windscreens with solar absorbing PVB

S. Leroux, Solutia

QUALITY MANAGEMENT

Sensor systems for glass handling

Thomas Rainer, Halle (Saale)

The strength of glass, size effects

Frederic Veer, TUDelft

Determination of direct solar transmission according to various standards

Alexander Chesnokov, Olga A. Gladushko, OAO 'Glass Research Institute'

Experimental study of strength properties for the modern glass

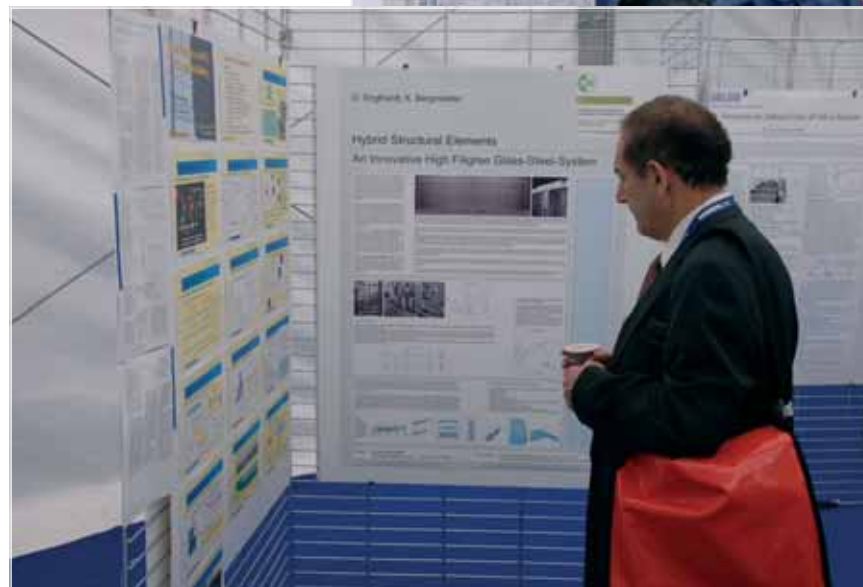
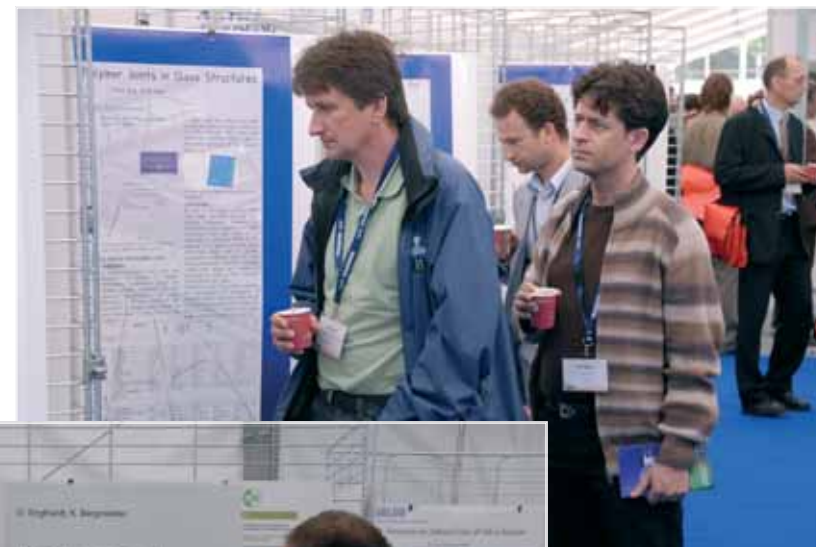
Stanislav Chesnokov, Natalia A. Chmykhova & Alexander G. Chesnokov, OAO Glass Research Institute

Float-glass thickness measuring system for the hot zone of the annealing lehr

Petr Völkov, A.V. Goryunov and A.D. Tertyshnik, TEOS R&D

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WORKSHOPS

11-12 JUNE 2009

Address:

University of Tampere, Pinni B, Kanslerinrinne 1

GPD workshops are designed to provide participants with the opportunity to acquire more in-depth knowledge of various topics. They are intensive 4-8 -hour courses with each focusing on techniques and skills in a particular field. The workshops will take place before the conference.

Registration for workshops is done via the conference registration form at www.gpd.fi. The deadline for registration is 31st May 2009

Please note that in the event of an insufficient number of participants by the deadline, the workshop may be cancelled by the workshop organizer. If you wish to participate in one or more of the workshops, please indicate so on the registration form.

	before 30 April '09:	from 30 April to 31 May '09:
Price 1	100 €	150 €
Price 2	200 €	250 €

+ 22% VAT to all prices

NOTE!

THE ORGANIZER OR THE SPEAKER OF THE WORKSHOP RESERVES THE RIGHT TO ACCEPT PARTICIPANTS

Full workshop descriptions and details for each workshop are available at www.gpd.fi/finland/workshops.



THURSDAY 11.6.2009

STRUCTURAL PROPERTIES OF LAMINATED GLASS

S. J. Bennison & I. Stelzer, E.I. DuPont de Nemours & Co. Inc.
Price: 100€/150€

MILESTONES TO BETTER UNDERSTAND THE FLAT GLASS BUSINESS

B. Savačte, BJS.Differences
Price: 200€/250€

GLASS TEMPERING PROCESS (LEVEL 1): FUNDAMENTAL STEPS IN TEMPERING AND MACHINE TEST RUNS

V.-J. Kuusiniemi & T. Pesonen & M. Äppelqvist & S. Suominen, Glaston Finland Oy
Price: 100€/150€

GLASS BENDING & TEMPERING PROCESS: THEORY AND MACHINE TEST RUNS

S. Suominen; & V.-J. Kuusiniemi & T. Pesonen & M. Äppelqvist, Glaston Finland Oy
Price: 100€/150€

GLASS PROCESSING BASICS FOR SOLAR INDUSTRY SPECIALISTS

I. Hiekkänen & R. Nieminen & T. Pesonen, Glaston Finland Oy
Price: 100€/150€

LAMINATING OF HEAT TREATED AND OTHER SPECIALITY GLASS

M. P. Verleyen, Solutia Europe; R. Giovannini, Glaston Italy; M. Rantanen & J. Ala-Savikola, Glaston Finland Oy; C. Bostick, Consulting Architects; A. Uusikartano, Suomen Turvalasi Tambest; J. Gilleaney, QTG
Price: 100€/150€

INDUSTRIAL GLASS COATING TECHNOLOGIES AND SYSTEMS POWERED BY NANOTECHNOLOGY (BENEQ)

M. Saikkonen, Beneq Oy 
Price: 100€/150€

UNDERSTANDING GLASS STRENGTH, STRESS ANALYSIS AND DESIGN METHODOLOGIES FOR ARCHITECTURAL GLASS

L. Jacob, Jacob & Associates Pty Ltd.
Price: 200€/250€

WARM EDGE – MAKING THE RIGHT CHOICE

J. Holm, Rolltech A/S
Price: 100€/150€

FRIDAY 12.6.2009

NEW TRENDS IN THE INFRARED NON-CONTACT TEMPERATURE MEASUREMENT FOR THE GLASS INDUSTRIES

R. Gärtner & E. Drews, Raytek GmbH
Price: 100€/150€

COATED GLASS - APPLICATIONS & MARKETS

S. Nadel, Applied Materials
Price: 100€/150€

CHALLENGE REGARDING THE WORKFLOW IN GLASS DECORATION: PROCESS-CONTROLLED, REPRODUCIBILITY, COST-EFFECTIVE

R. Drach, Sefar AG; N. Westra, Johnson Matthey BV
Price: 100€/150€

PROFITABILITY OF A GLASS PROCESSING FACTORY

K. Heikkilä, Glaston Singapore
Price: 100€/150€

SEEING THROUGH GLASS DESIGN

C. Bostick, Consulting Architect
Price: 200€/250€

BASICS OF GLASS COATING PROCESSES AND COATED GLASS

P. Vuoristo & T. Mäntylä, Tampere University of Technology
Price: 100€/150€

GLASS TEMPERING PROCESS (LEVEL 2): GLASS FACTORY PROFITABILITY AND TEMPERING TECHNOLOGY KNOW-HOW

V.-J. Kuusiniemi & T. Pesonen & M. Äppelqvist, Glaston Finland Oy; F. Serruys, Saint-Gobain Glass Solutions
Price: 100€/150€

DIGITAL PRINTING ON GLASS

Y. Ninoy & T. Salenius, DIP Tech Ltd.
Price: 100€/150€

CUTTING, GRINDING, WASHING: THREE FUNDAMENTAL STEPS IN FLOAT GLASS PROCESSING

P. Pokoern, Bohle AG & M. Emonds, Aachener Chemische Werke
Price: 100€/150€

SOLAR POWER - OPPORTUNITIES FOR THE GLASS INDUSTRY

I. Hiekkänen & R. Nieminen, Glaston Finland Oy; M. Rajala, Beneq Oy; A. Karpinski, Kuraray Europe GmbH; B. Szyszka, Fraunhofer IST; O. Mal, AGC Flat Glass; S. Byers, Ritec International Ltd.; V. Geyer, Scheuten Solar; G. Stryi-Hipp, BSW Solar
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FEES FOR PARTICIPANTS

22% VAT and a service fee are added on all registrations fees as indicated in the following registration fee structure.

if paid by/on 23 rd March 2009:	872€	+ VAT 22%	192€ = 1064€
if paid by/on 30 th April 2009:	954€	+ VAT 22%	210€ = 1164€
if paid on 1 st May 2009 or later:	1036€	+ VAT 22%	228€ = 1264€
		+ service fee 40€ (incl. VAT 22%)	8,8€

Participant registration fee includes:

- admission to all sessions scheduled June 12 - 15, 2009
- conference bag & material
- proceedings book
- lunches, tea/coffee on conference days
- admission to the glass EXPO
- admission to the following evening events with dinners & drinks:
Get Together Party, City Reception & Farewell Party
- transportation to and from the conference & evening events

FOR FULL REGISTRATION DETAILS, GO TO www.gpd.fi

GLASS EXPO 12 - 15 JUNE 2009

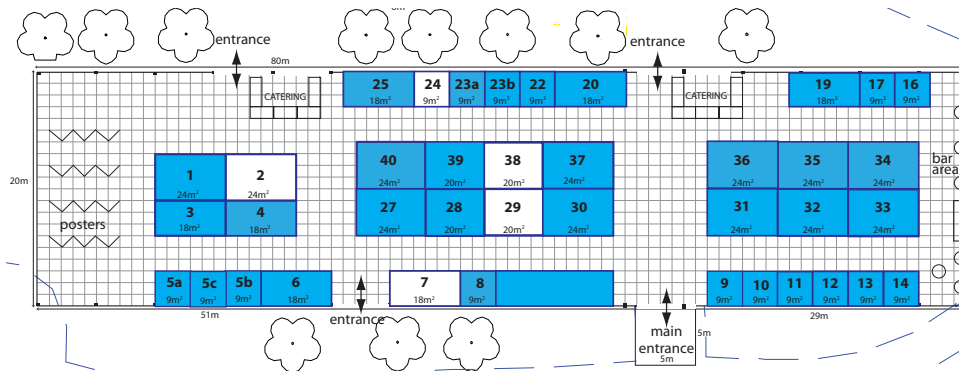
MEET THE GLASS INDUSTRY'S KEY PLAYERS

The exhibition will again be located in a separate tent built next to Tampere Hall. In addition, the following events will be held in the same tent;

- All coffees and lunches will be served there.
- The Get Together Party on Friday evening
- The city reception on Sunday evening

Thus, the above combination of activities will provide exhibitors the best platform to show-case or launch products, services and know-how to the attending glass community.

The exhibition will be open during the entire conference and in the evenings until 6 p.m. Full booking details are available at www.gpd.fi.



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NETWORKING

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MEET, SHARE & LEARN!

GET TOGETHER PARTY

- Friday 12 June 20.00-23.00
- Venue: Glass EXPO tent

All registered delegates and accompanying persons are invited. This event provides an excellent opportunity to meet old as well as new colleagues. Dinner and drinks will be served on complimentary basis.

Please confirm your participation on the conference registration form.

Dress code: Casual attire. The event takes place partly outdoors, thus, a light jacket is recommended



CITY RECEPTION

(SPONSORED BY TAMPERE CITY & GPD)

- Sunday 14 June 17.30 - 19.30
- Venue: Glass EXPO tent

All registered delegates and accompanying persons are invited. Snacks and drinks will be served on complimentary basis.

Please confirm your participation on the conference registration form.

Dress code: Business attire.

PS: There will be no special GPD activities after the reception. Delegates are free to arrange for meetings or dinners (at their own expense) elsewhere in Tampere.

In the summertime, many restaurants in Tampere remain closed or close early on Sundays. Thus, make your dinner bookings early to avoid disappointment. GPD will recommend good restaurants. Some restaurants will have reservation tables at the GPD conference venue.

FAREWELL PARTY - A MUST ATTEND EVENT!

- Monday 15 June 20.00 – until sunrise
- Venue: to be confirmed

As expected, the Farewell Evening party is always something unforgettable. This is an outdoor activity to allow delegates enjoy the Finnish nature as well as the light summer nights. Comfortable shoes and warmer clothing recommended.

Dinner and drinks will be served on complimentary basis. The set up will be very informal and will include special networking opportunities, activities and memorable entertainment!

Please confirm your participation on the conference registration form.

Dress code: Informal

PS: Transport to and from all evening activities will be provided.



CONFERENCE DINNER

- Saturday 13 June
20.00 - 23.30
- Venue: to be confirmed
- Charges: 85 € per person
(VAT included)

Outstanding Finnish dishes, drinks and entertainment will be on offer in a unique and an impressive setting. Please confirm your participation on the conference registration form.

Dress code: Business attire. Transport to and from the venue will be provided



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SUPPORTING TRADE FAIRS:

glasstec

Sep 28 - Oct 25, 2010



BAU MESSE
Jan 17-22, 2011

China
glass

May 13-16,
2009

GlassBuild
AMERICA

Sep 30 - Oct 2,
2009



Oct 28-31, 2009

SUPPORTING ASSOCIATIONS:

GLASS
ASSOCIATION OF NORTH AMERICA



Glass and Glazing Federation

NGA
NATIONAL GLASS ASSOCIATION



SAFA,
Finnish
Association of
Architects



FCSA



SAE International



ISAAG
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