

*The largest International
Conference on Architectural, Solar
& Automotive Glass*

Opening Ceremony

Friday 12 June at 15.00

*- outstanding political, solar
and glass industry top executives
as speakers*

*- more info and registration at
www.gpd.fi/finland*

PROGRAMME ON SATURDAY 13 JUNE 2009

ARCHITECT FORUM

- 09.00 Title to be received
W. Prix, Coop Himmelblau
- 09.30 BIO[re]BO[o]T : Ecosophical
apparatus & skizoïd machines
F. Roche, R + Sie
- 10.00 Material sensibility...
A. Piber, UN-Studio
-
- 10.30 - 11.15 COFFEE
-
- 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
-
- 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
- 14.45 Title to be received
W. Maas, MVRDV
-
- 15.15 - 16.00 COFFEE
-
- 16.00 Cold bent glass curtain wall for the 78
story Jinta Office Tower
K. Boswell, SOM
- 16.30 New dimensions
U. Knaack, TU Delft

CHANGING MARKETS

- 09.00 Russian flat glass market...
L. Shakhnes, Glass Enterprises Union
- 09.30 Glassworld position in the new...
J. Coenen, Glass Market Consultancy
- 10.00 Architectural Trends - Thru the...
C. Bostick, C.W. Bostick Consulting Arch.
-
- 10.30 - 11.15 COFFEE
-
- 11.15 Short and long term perspectives
G. Stryi-Hipp, BSW
- 11.45 Glass Facades in South America...
G. Marshall, Estudio Marshall & Asoc.SA.
-
- 12.15 - 13.45 LUNCH
-
- 13.45 Building Integrated Solutions...
H. Hohenstein, Dr. Hohenstein Consult.
- 14.15 The Financial crises as a challenge...
P. Bastianen, Vindigo Surface Tech.
- 14.45 The role of fenestration for less...
F. Koos, EuroWindowor
-
- 15.15 - 16.00 COFFEE
-
- 16.00 Back bedding comes to Europe
H. Kahles, H.B.Fuller GMBH
- 16.20 Transport challenges in the supply...
B. Strikkers, Van Huët Glass Logistics
- 16.40 The Opacity of Float: Clarifying crises,
challenges...
W. Yanek, Glass Association North America
- 16.55 International dimensions of AGRR...
P. De Ridder, International Automotive
Glass Federation
- 17.10 State of the industry in the UK
N. Rees, Glass and Glazing Federation

LARGE AREA COATING PROCESSES

- 09.00 Diamond-Like Carbon as...
R. Petrmichl, Guardian Industries Corp.
- 09.30 nAEROTm - On-line coating for...
J. Pimenoff, Beneq Oy
- 09.50 Reactive-Sputtering Voltage Control
K. Nauman, Advanced Energy Industries
- 10.10 Heat Treatable Coatings
M. Heidrich, VON ARDENNE
-
- 10.30 - 11.15 COFFEE
-
- 11.15 Design and Features of New Power...
D. Ochs, HUETTINGER Elektronik
- 11.35 Uniformity control in reactive...
V. Bellido-Gonzalez, Gencoa Ltd
- 11.55 Is it possible to avoid translucence...
H. Weis, INTERPANE
-
- 12.15 - 13.45 LUNCH
-
- 13.45 Superhydrophobic antireflective
X. Zhang, TUT
- 14.05 Photocatalytic and Antibacterial...
M. Kurtoglu, Artcraft Inc.
- 14.25 The next generation of switchable...
B. Lamontagne, NRC
- 14.45 PV Solar Electricity as a globally major
future electricity provider...
W. Hoffmann, Applied Materials
-
- 15.15 - 16.00 COFFEE
-
- 16.00 Evaluation of antireflective coatings
P. Nostell, NoSTec
- 16.20 Development of an Anti-Reflective
O. Agustsson, AGC European R&D Centre
- 16.40 A multidisciplinary approach...
B. Szyszka, Franhofer Institute for Surface
Engineering and Thin Films IST
- 17.00 Protective coating of float glass
M. Emonds, ACW

ENERGY PERFORMANCE IN BUILDINGS

- 09.00 Energy Efficiency Activities in the...
J. Benney, NFRC
- 09.30 EU legislation and policies for...
R. Wilberforce, Glass for Europe
- 09.50 The Label of Energy-Saving...
S. Xinyong, CBMA
- 10.10 Glass in the Danish energy...
C.A. Lorentzen, Pilkington Danmark A/S
-
- 10.30 - 11.15 COFFEE
-
- 11.15 Optimal Glazing for Optimal...
D. Ramboux, AGC Flat Glass Europe
- 11.35 Energy Usage Comparisons of...
L. Carbary, Dow, Corning Corp.
- 11.55 The research of thermo technical...
A. Verkhovsky, NIISF RAABS
-
- 12.15 - 13.45 LUNCH
-
- 13.45 Beware! Transparency vs reflectivity...
A. Millwood, Emirates Glass LLC
- 14.05 Improvements in the method of...
I. Calderone, Calderone and Asc. Pty Ltd
- 14.25 Applications of coated glass in high...
A. Roos, Uppsala University
- 14.45 Dynamic Building Facades for Zero...
S. Selkowitz, LBNL
-
- 15.15 - 16.00 COFFEE
-
- 16.00
- 16.20 The CO₂-cutting benefits of...
B. Carrel-Billiard, Saint-Gobain Glass Fr
- 16.40 Variable Light Transmission...
F. Millett, Pleotint
- 17.00 Timber-Glass Composite Structural
J. Pequeno, University of Minho
- 17.20 Characterization of translucent
G. Rossi, INRIM

TEMPERING / PRE-PROCESSING

- 09.00 Explanation for edge bending...
A. Aronen, TUT
- 09.30 Atmosphere & temperature...
G. Rancoule, Vesuvius
- 09.50 Proposal to enhance the heat
O. Yousfi, SIMaP
-
- 10.30 - 11.15 COFFEE
-
- 10.10 A significant breakthrough in...
P. Boaz, Glass Products Consulting
LLC
- 11.15 How edge-work effects the glass...
F. Lumini, Glaston Italy Spa
- 11.35 Quality criteria of curved glass
J. Buscher, Glasid AG
-
- 12.15 - 13.45 LUNCH
-
- PROCESS DESIGN - VALUE CHAIN**
- Chairmen: K. Mühlhans, ALBAT + WIRSAM;
S. Lautamäki, Glaston
- 13.45 Key performance indicators of...
F. Benischke, University of Giessen
- 14.15 How to improve your...
E. Jalkanen, Glaston Ltd
- 14.45 Advantages of a well thought out...
R. Storchenegger, Bystronic Maschinen
-
- 15.15 - 16.00 COFFEE
-
- 16.00 Reduced order modeling...
S. Wattamwar, TU Eindhoven
- 16.20 Shaping techniques for freely...
D. Rietbergen, TU Delft
- 16.40 An Intelligent Production...
M. Heydar, Behnoor Safety Glass
- 17.00 Inspection systems networked...
K. Vogel, Viprottron GmbH

PROGRAMME ON SUNDAY 14 JUNE 2009

LAMINATED GLASS

- 09.00 Glass geometry and mathematics
N. Baldassini, RFR
- 09.30 Mechanical participation of...
J.C. Nogue, Saint Gobain Glass
- 09.50 The influence of the interlayer on...
G. Ranocchiai, University of Florence
- 10.10 Improved post-breakage behavior...
S. Feirabend, Werner Sobek Stuttgart

10.30 – 11.15 COFFEE

- 11.15 Stiffness of Laminated Glass
D. Callewaert, Ghent University
- 11.35 Thermo Mechanical Behaviour of...
B. Weller, Technische Universität Dresden
- 11.55 Laminating challenges in Today's...
S. Hiss, Kuraray - Trosifol
- 12.15 Optical and thermal simulation of...
T. Baenas Tormo, Cristalería Soler Hnos., S.A.

12:45 - 13:45 LUNCH

AUTOMOTIVE

- 13.45 Reducing weight while improving...
S. Leroux, Solutia
- 14.15 Improvements to the Processability...
M. Coda, Southwall Technologies Inc.
- 14.45 Heatable glass using carbon nanotube
S.Son, Hyundai Motor Company

15.15 – 16.00 COFFEE

- 16.00 New generation of interlayers for...
S. Leroux, Solutia
- 16.20 Next generation automotive enamels
G. Sakoske, Ferro Corporation
- 16.40 Lightweight, Durable Solutions...
V. Gizzi, DuPont Belgium

ARCHITECTURAL CHALLENGES

- 09.00 A Model to Describe the Load...
H.S. Norville, Texas Tech University
- 09.30 Study of Panelization Techniques
D. Hambleton, Halcrow Yolles Inc.
- 09.50 A design concept for bent IGs...
J. Neugebauer, University of Applied Sciences
- 10.10 Bonded point fixities for...
M. Bues, Munich University of Applied Sciences

10.30 – 11.15 COFFEE

- 11.15 Effects on the Stress Distribution...
B. Weller, Technische Universität Dresden
- 11.35 Bracing steel frames with adhesive...
F. van Herwijnen, TU Eindhoven
- 11.55 Fail-safe design of façades with ...
G. Royer-Carfagni, University of Parma

12.15 – 13.45 LUNCH

- 13.45 Studying the performance of...
G. Loddo, Cagliari University
- 14.05 CLC. Coloured Liquid-Crystal...
R. Rubio-Hernández, UVa
- 14.25 Electronically Tintable Glass
H. Sanders, SAGE Electrochromics, Inc.
- 14.45 High-strength fibre materials as...
C. Louter, TU Delft

15.15 – 16.00 COFFEE

- 16.00 Failure Behaviour of Glass Beams...
F. Bos, TUDelft
- 16.20 Novel Integrated Curtain Wall...
M. Kragh, Arup
- 16.40 Use of laminated glass in a 18m...
P. Wilson, Malishev Wilson Engineers

SOLAR AND GLASS TECHNOLOGY

- 09.00 Feed in tariff in Germany
H.-J. Fell, Member, German Bundestag
- 09.30 Anti-reflection coatings for solar...
M. Harvey, XeroCoat Inc
- 09.50 New Standard In PV Industry
T. Plessing, Interpane
- 10.10 Innovation at DSM
P. Buskens, DSM Research

10.30 – 11.15 COFFEE

- 11.15
11.35 Development of textured TCO...
O. Agustsson, AGC European R&D Centre
- 11.55

12.15 – 13.45 LUNCH

- 13.45 Ag based transparent conductive...
Y. Lu, Guardian Industries
- 14.05 Advanced CIS thin film...
P. Mogensen, Avancis GmbH & Co KG
- 14.25 Large area deposition of ...
V. Sittinger, Fraunhofer IST
- 14.45 Glass inspection techniques in PV
G. Natanek, SynergX Technologies Inc

15.15 – 16.00 COFFEE

- 16.00 Solar Glass with New Properties
G. Eberhardt, Jenoptik Germany

INSULATED GLASS UNITS

- 09.00 Keynote: Evaluation of the stability...
N. Ng, The University of Sydney
- 09.30 Production equipment for advanced...
W. Friedl, Grenzbach Maschinenbau
- 09.50 Translucent Insulating Nanogel...
F. Schneider, OKALUX GmbH
- 10.10

10.30 – 11.15 COFFEE

- 11.15 Modeling of Insulated Glass...
R.J. Pylkki, Aspen Research Corporation
- 11.35 Glass Bonding in Windows
W. Wagner, Sika Services AG
- 11.55 "Vitrage Respirant"
M. Cossavella, CSTB

12.15 – 13.45 LUNCH

- 13.45 Warm edge - making the right choice
J. Holm, Rolltech A/S
- 14.05 Methodology for the determination..
N. Sack, ift Rosenheim
- 14.25 Using novel sealant technology to...
H. Kahles, H.B.Fuller GmbH
- 14.45 A study of the embodied energy...
W. Lichtenberger, Truseal Technologies

15.15 – 16.00 COFFEE

- 16.00 The fogging of IG Units in Stick...
G. Winstanley, Yuanda Australia
- 16.20 Challenges of Bent Insulating Glass
J. Erb, Edgetech IG
- 16.40 News of intergraded windows
K. Puschmann, Bystronic Lenhardt GmbH
- 17.00 Insulating Glass Certification System
Shi Xinyong, CBMA

Remember GPD Workshops! 11-12 June

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- Details at www.gpd.fi/finland/posterpresentations

Meeting possibilities in GPD 2009!

- you can organize meetings with speakers, exhibitors or your customers during GPD. - to book a meeting room, please contact Ms. Heli Alasaukko-oja (heli.alasaukko-oja@gpd.fi)

NEW PRODUCTS & APPLICATIONS

- 09.00 Metal-to-glass bonding properties...
C. Louter, Delft University of Technology
- 09.30 Hybrid Components of Glass...
B. Weller, Technische Universität Dresden
- 09.50 New marine glazing developments
V. Gizzi, DuPont de Nemours
- 10.10 Innovative glass products and glass...
P. Tückmantel, Hunsrückler Glasveredelung Wagener

10.30 – 11.15 COFFEE

- 11.15 Fire Rated Glass-Novel Small Scale...
B. Zhu, Dow Corning Corp.
- 11.35 Size matters - and fire safety must...
W. Hillmann, INTERVER AG
- 11.55 Fire resistance with Low-E coated...
J. Koudijs, DGMR

12.15 – 13.45 LUNCH

- 13.45 Comparison of corrosion tests for...
U. Brokmann, TU Ilmenau
- 14.05 High Performance Nano-Coatings...
G.E.Sakoske, Ferro Corporation
- 14.25 100% Silicone based four sided...
M. Rahim, ICD, High Performance Coatings
- 14.45 New Product Range for Glass...
R. Drach, Sefar AG

15.15 – 16.00 COFFEE

- 16.20 Transparent Electronic Interlayers
D. Shavit, SUN-TEC
- 16.40 Unique publications for anti-reflectiv
C. Barry, Pilkington NA Inc.
- 17.00 Laminated glass with LED embedded
H. Lefèvre, AGC Europe
- 17.20 Laser-based fast and flexible surface
Hendrik Gebauer, Laser Zentrum

PROGRAMME ON MONDAY 15 JUNE 2009

AUTOMOTIVE

- 09.00 Polycarbonate Automotive Glazing
A. Scholten, SABIC Innovative Plastics
- 09.30 BayVision
S. Gestermann
- 09.50 An overview of protective coating...
F. Wiesenberger, Momentive Performance
- 10.10 Opportunities in Polymer Glazing
K. Kirwan, WMG
-
- 10.30 – 11.15 COFFEE
-
- 11.15 Windshield Heating and Bending...
D. Lampman, Engineering Appl. Sciences
- 11.45 New possibilities for windshield...
R. Senft, Grafotec Spray Systems GmbH
-
- 12.15 – 13.45 LUNCH
-
- 13.45 Cool Coatings For Sunroof and...
M. Coda, Southwall Technologies Inc.
- 14.15 Thin film coating on automobile glass
Y. Taga, Chubu University
- 14.45 Polymeric Coatings Cured by UV...
C. Swart, Dow Automotive
-
- 15.15 – 16.00 COFFEE
-
- 16.00 Glass inspection techniques in...
G. Natanek, SynergX Technologies Inc
- 16.20 A structured lighting for 3D shape...
J-P. Chambard, HOLO3
- 16.40 Quality Assurance in the Solar...
S. Böhm, TU Braunschweig
- 17.00 On complete non-destructive...
H. Aben, GlasStress Ltd

BUILDING PROJECTS

- 09.00 ARoS, Rainbow Panorama
T. Henriksen, GlassDesign
- 09.30 Curved glass structures
F. Weber, Arup Materials Consulting
- 09.50 Structural use of glass, cruciform...
R.I. Petersen, Ramboll
- 10.10 The new Architecture of the AUDI
B. Siebert, Ingenieurbüro Dr. Siebert
-
- 10.30 – 11.15 COFFEE
-
- 11.15 TKTS - Once in a lifetime
A. Smith, IPIG Ltd
- 11.35 Increasing Daylighting Level...
C. Tze Kiang, Arup Singapore Pte Ltd
- 11.55 Individual Approval of a Vault...
B. Weller, Technische Universität Dresden
-
- 12.15 – 13.45 LUNCH
-
- 13.45 Beyond structural transparency
F. Madeo, Buro Happold
- 14.05 The new, cold bent glass roof of...
M. Eekhout, TU Delft
- 14.25 Lincoln Square Synagogue
R. Albert, Front Inc.
- 14.45 Thrilling twelve meter spanning
D. Meyer, Lucerne University
-
- 15.15 – 16.00 COFFEE
-
- 16.00 Facade and Special Structures...
B. Beer, Werner Sobek Dubai
- 16.20 Customizing decorative glass façades
T. Salenius, DIP Tech
- 16.40 The Berkeley / Entrance pavillion
C. Teixidor, Bellapart s.a.u.
- 17.00 Engineering, Design and Erection...
F. Wellershoff, Permasteelisa

FAÇADE SESSION

- 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...
L. Jacob, Jacob and Associates Pty Ltd
-
- 10.30 – 11.15 COFFEE
-
- 11.15 Glass-Steel Beams
B. Weller, Technische Universität Dresden
- 11.45 Fracture characteristics of heat...
L. Jacob, Jacob and Associates Pty Ltd
-
- 12.15 – 13.45 LUNCH
-
- 13.45 Facades behaviour under Blast
G. Lori, Permasteelisa
- 14.05 A Relationship between Load...
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
-
- 16.00 Capital Gate - Looking beyond
J.Sischka, Waanger-Biro Stahlbau AG
- 16.20 Animated Glass Architecture
D. Schulte, DORMA GlasTec GmbH
- 16.40 Corrugated glass as a strategy...
R. Nijse, University of Delft

SOLAR AND GLASS TECHNOLOGY

- 09.00 Glass Overview
T. Hoffmann, Centrosolar Group AG
- 09.30 Performance of advanced solar pvb...
U. Keller, Kuraray GMBH
- 09.50 Silicones: Ideal material solutions
T. Kervyn, Dow Corning
- 10.10 New encapsulation solution for the
PV
K. Puschmann, Bystronic Lenhardt
GmbH
-
- 10.30 – 11.15 COFFEE
-
- 11.15 PVB- The right product for the...
A. Hofmann, Solutia Europe SPRL/BVBA
- 11.35 Sealants and Adhesives for...
E. Semar, Kömmerling Chemische Fabrik
GmbH
-
- 12.15 – 13.45 LUNCH
-
- 13.45 Glass processing opportunities for...
R. Nieminen, Glaston America Inc.
- 14.05 The battle of light - solar cells in glass
H. Lauritzen, Danish Technological Inst.
- 14.25 Innovative Thin-Film Photovoltaic
B. Weller, Technische Universität Dresden
- 14.45 Systems for fixing of solar panels
B. Siebert, Ingenieurbüro Dr. Siebert
-
- 15.15 – 16.00 COFFEE
-
- 16.00 Durable Concentrating Solar Power...
S. Thomsen, Guardian Industries Corp.
- 16.20 Laser-based fusing of glass tubes
L. Richter, Laser Zentrum Hannover
- 16.40 Future of mirrorpaints
P. De Vos, Fenzi Belgium NV

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PRODUCT & PROCESS CASES

- 08:45 INTRO
- 09.00 Laser cutting equipment for all flat...
W. Friedl, Grenzebach Maschinenbau
GmbH
- 09.30 Precise Glass Penetration
P. Pokoern, Bohle AG
- 09.50 Dynamically optimized mixed glass
flow...
H. Biel, Wolff+Meier GMBH
-
- 10.10
-
- 10.30 – 11.15 COFFEE
-
- 11.15 Glass road to united Europe.
D. Gocłowski, Starglass Ltd. Poland
- 11.35 Clean Glass is Green Glass
S. Byers, Ritec International Ltd
-
- 11.55
-
- 12.15 – 13.45 LUNCH
-
- QUALITY MANAGEMENT
- 13.45 Program of glass products
A. Chesnokov, OAO Glass Research Inst.
- 14.05 Glass failure, science fiction...
F. Veer, TUDelft
- 14.25 German guidelines for using...
P. Hof, TU Darmstadt
- 14.45 The Challenge of Quality ...
Y. Rodichev, G.S.Pisarenko Institute
-
- 15.15 – 16.00 COFFEE
-
- 16.00 Quality Management for Solar...
T. Rainer, Halle (Saale), Germany
- 16.20 Anisotropy and Optical distortion...
T. Henriksen, GlassDesign
- 16.40 New trends in High Speed Infrared...
R. Gärtner, Raytek GmbH