Programme on Saturday 13 June 2009

ARCHITECT FORUM
09.00 Title to be received
W. Pox, Coop Himmelblau
09.30 BIO[re]BIO[a]T : Ecosophical apparatus & skizoid machines
F. Roche, R + Sie
10.00 Material sensibility...
A. Piher, 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 Glass Building
N. Baldusini, 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. Eklundt, 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

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... 
E. Jalkanen, Glaston
10.30 – 11.15 COFFEE
11.15 Optimal Glazing for Optimal... 
C. A. Lorenzoni, Pilkington Danmark A/S
11.45 Energy Usage Comparisons of... 
L. Carbary, Dow, Corning Corp.
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
14.35 Applications of coated glass in high...
A. Roos, Uppsala University
14.45 Dynamic Building Facades for Zero...
S. Seklowitz, LBNL
15.15 – 16.00 COFFEE
16.00
16.20The CO2-emissions of buildings...
B. Carrel-Billard, Saint-Gobain Glass France
16.40 Variable Light Transmission...
F. Millert, Ploetin
17.00 Timber-Glass Composite Structural
J. Piquero, University of Minho
17.20 Characterization of translucent
G. Rossi, INRIM

CHANGING MARKETS
09.00 Russian flat glass market...
L. Shakhsnes, 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. Strei-Hipp, BSW
11.45 Glass Facades in South America...
12.15 – 13.45 LUNCH
13.45 Building Integrated Solutions...
H. Hohenstein, Dr. Hohenstein Consult.
14.15 The Financial crises as a challenge...
F. Bastianen, Vindigo Surface Tech.
14.45 The role of fenestration for less...
F. Kooz, EuroWindoor
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 Huet Glass Logistics
16.40 The Opacity of Float: Clarifying crises...
W. Yanez, Glass Association North America
16.55 International dimensions of AGRR...
F. De Riddler, 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. Petmicich, Guardian Industries Corp.
09.30 nAEROtm - On-line coating for...
J. Pimenoff, Benequoy
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...
A. Rees, Fraunhofer 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. Lorenzoni, Pilkington Danmark A/S
10.30 – 11.15 COFFEE
11.15 Optimal Glazing for Optimal...
L. Carbary, Dow, Corning Corp.
11.45 Energy Usage Comparisons of...
S. Seklowitz, LBNL
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
14.35 Applications of coated glass in high...
A. Roos, Uppsala University
14.45 Dynamic Building Facades for Zero...
S. Seklowitz, LBNL
15.15 – 16.00 COFFEE
16.00
16.20 The CO2-emissions of buildings...
B. Carrel-Billard, Saint-Gobain Glass France
16.40 Variable Light Transmission...
F. Millert, Ploetin
17.00 Timber-Glass Composite Structural
J. Piquero, University of Minho
17.20 Characterization of translucent
G. Rossi, INRIM

TEMMERING / 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. Youfii, SIMAIP
10.30 – 11.15 COFFEE
11.10 A significant breakthrough in...
P. Boaz, Glass Products Consulting LLC
11.45 How edge-work effects the glass...
F. Lumini, Glaston Italy Spa
11.55 Quality criteria of curved glass
J. Buscher, Glasiad AG
12.15 – 13.45 LUNCH

PROCESS DESIGN - VALUE CHAIN
Chairmen: K. Mühlhans, ALBA T+WIRSAM; S. Autamäki, Glaston
13.45 Key performance indicators of...
F. Benisheke, University of Giessen
14.15 How to improve your...
E. Jalkanen, Glaston Ltd
14.45 Advantages of a well thought out...
R. Storchenger, Bystronic Maschinen
15.15 – 16.00 COFFEE
16.00 Reduced order modeling...
S. Wattanwar, T.U Eindhoven
16.20 Shaping techniques for freely...
D. Ramboux, AGC Flat Glass Europe

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, Wener 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 Todays...
S. Hiss, Kuraray - Troisol
12.15 Optical and thermal simulation of...
T. Baenas Tormo, Cristalería Soler Hnos., S.A.

12:45 - 13:45 Lunch

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, Edgetech IG
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 Electrophotics, 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 18mg...
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. Suttinger, Fraunhofer IST
14.45 Glass inspection techniques in PV
G. Natanek, SynerX 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
W. Friedl, Grenzebach 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. Pyllikki, 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. Kähles, 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...
H. Kahles, H.B.Fuller Gmbh

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, Hunstrücker Glasveredelung Wagner

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. Brokman, 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. Shaviv, 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
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, Ingenieurburo Dr. Siebert
10.30 – 11.15 COFFEE
11.15 TKTS - Once in a lifetime
A. Smith, IPID Ltd
11.35 Increasing Daylighting Level...
C. Tse Kiang, Arup Singapore Pte Ltd
11.55 Individual Approval of a Vault...
B. Weller, Technische Universitat 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. Eckhout, TU Delft
14.25 Lincoln Square Synagogue
R. Albert, Front Inc.
14.45 Thrilling twelve meter spanning...
D. Meyer, Luzerne University
15.15 – 16.00 COFFEE
16.00 Facade and Special Structures...
B. Beer, Werner Sobek GmbH
16.20 Customizing decorative glass façades
T. Salenius, DIP Tech
16.40 The Berkeley / Entrance pavilion
C. Teixidor, Bellapart s.a.u.
17.00 Engineering, Design and Erection...
F. Wollershoff, Pemastecus

FAÇADE SESSION
08.45 Intro
09.00 Christ the Light Cathedral Oakland
C.K. Boswell
09.30 Calculation methods for the...
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 Universitat 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, Pemastecus
14.05 A Relationship between Load...
S. Morse, Texas Tech University
14.25 Analysis and Design of spandrel and...
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.Sischa, Waenger-Biro Stahlbau AG
16.20 Animated Glass Architecture
D. Schulte, DORMA GlasTec GmbH
16.40 Corrugated glass as a strategy...
R. Nijssse, University of Delft

SOLAR AND GLASS TECHNOLOGY
08.45 Intro
09.00 Glass Overview
T. Hoffmann, Centrosolar Group AG
09.30 Performance of advanced solar pv...
U. Keller, Kuraray GMBH
09.50 Silicones: Ideal material solutions...
T. Kervyn, Dow Corning
10.10 New encapsulation solution for the...
K. Puschmann, Bystronic Lenhardt GmbH
10.30 – 11.15 COFFEE
11.15 PVB - The right product for the...
A. Hofmann, Soluta Europe SPIR/BVBA
11.35 Sealants and Adhesives for...
E. Semar, Komerferung Chemische Fabrik GmbH
12.15 – 13.45 LUNCH
13.45 Glass processing opportunities for...
R. Nijsse, University of Delft
14.05 The battle of light - solar cells in glass
H. Lauritzen, Danish Technological Inst.
14.25 Innovative Thin-Film Photovoltaic
B. Willer, Technische Universitat Dresden
14.45 Systems for fixing of solar panels
B. Siebert, Ingenieurburo Dr. Siebert
15.15 – 16.00 COFFEE
16.00 Durable Concentrating Solar Power...
L. Richter, Solar Zentrum Hannover
16.20 Laser-based fusing of glass tubes
L. Richter, Solar Zentrum Hannover
16.40 Future of mirrorpaints
P. De Vos, Feni Belgium NV

QUALITY MANAGEMENT
13.45 Program of glass products
A. Chesnokov, OAO Glass Research Inst.
14.05 Glass failure, science fiction...
F. Veer, TU Delft
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. Henriksen, Raytek GmbH

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...
H. Biel, Woff+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. Byres, Ritec International Ltd
11.55
12.15 – 13.45 LUNCH

ORGANIZED BY
Conference & Glass EXPO 12-15 June 2009 - Workshops 11-12 June 2009
Latest programme details and registration at www.gpd.fi