

# ***Final Program***

CONFERENCE THEME

Energy Management in Buildings:  
Is this the future of glass technology in developing economies?



**GPD** GLASS PERFORMANCE DAYS CHINA  
**中国玻璃深加工研讨会**

22-23 MAY 2013, BEIJING, CHINA  
in conjunction with China Glass 2013

Organizers

**glaston**  
seeing it through



**CBMA**

**ctc**

中国建材检验认证集团股份有限公司  
China Building Material Test & Certification Group Co., Ltd

Supporter



## OPENING CEREMONY

### 10.00 Opening Speeches

- 10.00 **Welcome to GPD**  
Mr. Jorma Vitkala, Chairman of GPD Organizing Committee
- 10.10 **Welcome to Beijing**  
CBMA
- 10.20 **Can a Green Economy Become a Reality?**  
Lars Backström, Ambassador, Embassy of Finland, Beijing
- 10.30 **Industry Visionary Address**  
**High Performance Building:**  
**a new perspective for Silicon(e) Technology**  
Doug Kempf, Greater China Commercial Manager  
and Asia Technical Manager  
Dow Corning High Performance Building Solutions
- 11.10 **Industry Visionary Address**  
**Safety and Security Mega Trends in Construction**  
Ms. Valerie L. Block, CDT, LEED® AP  
Senior Marketing Specialist  
DuPont Glass Laminating Solutions
- 11.50 **Questions & Answers**



Doug Kempf, Dow Corning



Valerie Block, DuPont

Simultaneous interpretation in English / Chinese provided in all sessions

12.00-13.30

LUNCH BREAK

### GLASS MANUFACTURING, PROCESSING AND TESTING & QUALITY

Session Chair:  
Shi Xinyong,  
China Building Materials Test & Certification Group Co., Ltd.

- 13.30 **Fused Silica Roller Design and Performance for Manufacturing High Quality Float Glass**  
Lim Guan Thean, Vesuvius

### ARCHITECTURAL CHALLENGES AND SOLUTIONS

Session Chair:  
TBA

- High Performance Curtain Walling with Vacuum Insulated Panel**  
Steve Zhou, Dow Corning, High Performance Building Solutions

- 14.00 **Iridescence - No more an issue**  
Juha Liettyä, Glaston Finland

- Acoustic Interlayers for Laminated Glass What makes them different and how to estimate performance**  
Julia Schimmelpenninck, Eastman Chemical Company

- 14.30 **Latest Requirements & Developments in Quality Control of Coated Architectural Glass, Focusing on Low-E Glass**  
Lily Yingxin Chen, Dr. Schenk GmbH

- Benefits of High Performance Insulating Glass in Temperate Climates**  
Tracy Rogers, Quanex Building Products

15.00-15.30

COFFEE/TEA

- 15.30 **Tempering of 2.00 mm Glass**  
Juha Liettyä, Glaston Finland

- New Generation of Digital Ceramic Decoration on Glass**  
Dietrich Speer, Ferro GmbH

- 16.00 **Residual Stress and Deformation Analysis of Laminated Glass**  
Bao Yiwang, China Building Material Test & Certification Group Co., Ltd.

### STANDARDS AND REGULATIONS

- Introduction of Automotive Glass Replacement Requirement standard**  
Qiu Juan, China Building Material Test & Certification Group Co., Ltd.

- 16.30 **Services for a Lifetime - Improve your energy efficiency**  
Kimmo Kuusela, Glaston Finland

- Fire Safety of fenestration according to international requirements – a huge demand in China – ways for an own advanced production system for EI glasses**  
Helmut Hohenstein, Helmut Hohenstein Consultancy

17.00-18.00

GPD NETWORKING & HAPPY HOUR

18.00-21.00

GPD DINNER/RECEPTION - KUNLUN HOTEL

## PLENARY SESSION

### 9.00 Speakers

9.00 **Welcome to China Glass 2013**

Chinese Ceramic Society

9.10 **Topic to be Announced**

Marshall Strabala, AIA AFAAR LEEDAP Shanghai China  
2DEFINE architecture, Design partner, Chief Designer of  
Shanghai Tower

9.45 **Keynote Address:**

**Design Enclosures That Maximize View and Natural Light While  
Performing to the Highest Levels of Energy Conservation**

Brian Lee, FAIA, LEED®AP, Design Partner, SOM Architects



Brian Lee, SOM Architects

Simultaneous interpretation in English / Chinese provided in all sessions

10.25-11.00

COFFEE/TEA

### SOLAR, ENERGY EFFICIENCY & COATINGS

Session Chair:

Shi Xinyong,

China Building Materials Test & Certification Group Co., Ltd.

11.00 **Optimizing the Solar Control Properties of Architectural  
Laminated Glass with Solar Absorbing Interlayers and IR  
Reflective Films**

TBA, Eastman Chemical Company

### FAÇADES & STRUCTURAL GLASS ELEMENTS

Session Chair:

TBA, DuPont

**Advances in the Design of Laminated Glass**

Ms. Valerie L. Block, DuPont Glass Laminating Solutions

11.30 **A New Generation of Flexible Power Supplies for Dual  
Magnetron Sputtering**

Skip Larson, Advanced Energy Industries, Inc.

**Modern Technologies and Glass Curtain Wall Design  
Integration**

Shawn Li Meinhardt Façade Technology (Shanghai) Ltd

12.00 **Powerplate Coating: Multi-dimensional Inspection Ensures  
Highest Quality for All Types of Glass Coatings**

Bertrand Mercier, Isra Surface Vision GmbH

**Global Glass Business Trends –  
From Design to Final Product  
A Summary of the 220 Presentations from GPD 2011**

Jorma Vitkala, Glass Performance Days

12.30-13.30

LUNCH BREAK

### TECHNICAL DEVELOPMENTS AND TRENDS

13.30 **The Simplest Rotatable Cathode Solution**

Justin Guo, Sputtering Component China

**Strengthen Foundation Theories Research to Guide  
the Healthy Development of the Insulating Glass &  
Improve the Social Benefits**

Zhong Wen, Beijing Excellent Insulating Glass Material Co., Ltd

14.00 **Solar Glass:  
Testing Method and Performance Evaluation System**

Xiao Pengjun, China Building Material Test & Certification Group CO., Ltd.

**Research on Carbon Calculation and Carbon Quotas  
for Flat Glass Manufacturers**

YanHaochun, ChenLu, DingDu,  
China Building Material Test & Certification Group Co., Ltd.

14.30 **Fast Glass Surface Claning and  
Activation Using Ambient Air Plasma**

Tomas Homola, Masaryk University

TBA

15.00-15.30

COFFEE/TEA

15.30

**SPECIAL CLOSING PRESENTATION**

**A Window on the World Flat Glass Business -  
The Year 2012, on the Flat Glass Business, From an Observer of the Contemporary History**  
Bernard Savaète, BJS.Différences

16.00

**CLOSING REMARKS & FEEDBACK LOTTERY**



## Registration information

### The Conference Fee

**2800 RMB/person for Chinese citizens**

**350 EUR/person for other participants**

The fee includes a two day conference program and material, coffees, two lunches and one dinner.

### The Dinner

The dinner will be on May 22, 2013 in Kunlun Hotel. This dinner is only through reservation. Since the dinner capacity is limited, admission is on first come/first served basis. To reserve your seat, please indicate in the registration form, or inform us latest by May 15, 2013. The sponsor has the right to accept or reject participation.

### Venue

Hotel Kunlun  
2 Xin Yuan Nan Lu  
Chaoyang District, Beijing 100004  
People's Republic of China  
E-mail: info@hotelkunlun.com  
www.hotelkunlun.com

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PS: Some minor changes may be done to this program.  
Please contact us directly or visit [www.gpd.fi](http://www.gpd.fi) for the latest version

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