

PHOTON's 5<sup>th</sup>

# Photovoltaic Technology Show 2009

July 28 - 30, 2009, SZCEC, Shenzhen

Asia

**Photon**  
ACADEMY

Sponsored by



8<sup>th</sup> Solar Silicon  
Conference

The image shows a pair of white gloves holding several pieces of dark, crystalline silicon wafers against a teal background.

5<sup>th</sup> PV Investors  
Conference

The image shows a large red Chinese flag with yellow stars, partially obscuring a building facade with the letters "ASPA" visible.

5<sup>th</sup> PV Production  
Equipment Conference

The image shows a large industrial machine, likely a solar cell production line, with a glass component in the foreground and various pipes and machinery in the background.

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## Program

### **PHOTON's 8<sup>th</sup> Solar Silicon Conference:** *»ASIAN SILICON IN TIMES OF THE CRISIS«*

**9:00 - 9:10**

#### **CONFERENCE OPENING**

*Chairperson:*

- **Anne Kreutzmann**, PHOTON, Germany

*Invited speakers:*

**9:10 - 9:30**

#### **KEYNOTE**

- **Light Peng**, LDK, China  
»A comprehensive PV business approach:  
From silicon production to solar electricity projects«

**9:30 - 10:30**

#### **FUNDAMENTALS: SUPPLY, DEMAND AND PRICES**

- **Michael Rogol**, PHOTON Consulting, USA
- **Charles Yonts**, Credit Lyonnais Securities Asia (CLSA),  
Hong Kong
- **Sunil Gupta**, Morgan Stanley, Hong Kong

**10:30 - 11:00**

#### **Coffee-Break**

**11:00 - 12:45**

#### **TECHNOLOGY REVIEW**

- **Peter Fath**, Centrotherm, Germany  
»UMG – Right technology but wrong timing?«
- **Gøran Bye**, USA  
»Challenges of FBR technology«
- **Bjørn Sandberg**, Norway  
»Siemens – incumbent forever?«
- **Manuel Vales**, Siliken, Spain  
»Silane / TCS«
- **Shawn Qu**, Canadian Solar  
»Silicon Product Quality Control«

PHOTON's

# 8<sup>th</sup> Solar Silicon Conference

July 28, 2009, Shenzhen

12:45 - 13:45

Lunch

13:45 - 15:30

*SILICON IN ASIA – I*

• **N.N.**

»Overview on framework conditions for silicon production in Asian countries«

• **Hunter Jiang**, GCL, China

»Strong expansion despite crisis«

• **Stuart Brannigan**, Yingli, China

»Why it make sense to start in-house poly production in times of oversupply«

• **Panjian Li**, Renesola, China

»From silicon to modules – downstream intergration«

• **Chip Luo**, Jaco, China

»How to succeed producing UMG silicon«

• **Javier Bullon**, Ferroatlantica, China

»A new production project for UMG in China«

• **Chen Shaozhang**, Sichuan Xinguang, China

15:30 - 16:00

Coffee-Break

16:00 - 17:30

*SILICON IN ASIA – II*

• **Hiroyuki Oda**, Tokuyama, Japan

»Growth strategy update«

• **Min Kyu Lim**, DC Chem, Korea

»Growth strategy update«

• **Young Min Yoo**, Hankook, Korea

»Starting silicon production in Korea«

• **Simon Chang**, Top Green Energy Technologies, Taiwan

»Starting silicon production in Taiwan«

• **Tony Hung**, Muto, Taiwan

»Revival of a chemical alternative way to Siemens«

• **York Tsuo**, AE Silicon, USA/Taiwan

»FBR for solar silicon«

17:30 - 18:30

*TALKS & PANEL*

»The effects of silicon oversupply«

**Tickets cost €740**  
(€640 for PHOTON International subscribers)  
**Limited space: To save your place,  
please register now!**  
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## Program

### **PHOTON's 5<sup>th</sup> PV Investors Conference:** *»DEMAND AND SUPPLY IN ASIA-PACIFIC REGION«*

**9:00 - 9:10**

*CONFERENCE OPENING*

*Chairperson:*

- **Michael Schmela**, PHOTON, Germany

*Invited speakers:*

**9:10 - 10:45**

*TOP ASIAN PURE PV PLAYERS – EXECUTIVES' VIEWS*

- **Zhengrong Shi (CEO)**, Suntech Power, China
- **Liansheng Miao (CEO)**, Yingli, China
- **Samuel Yang (CEO)**, JA Solar, China
- **Light Peng (CEO)**, LDK, China

**10:45 - 11:15**

*Coffee-Break*

**11:15 - 12:45**

*TOP ASIAN PURE PV PLAYERS – EXECUTIVES' VIEWS*

- **Simon Tsuo (CEO)**, Motech, Taiwan
- **Wenhua Tan (CEO)**, Solargiga, China
- **Jifan Gao (CEO)**, Trina, China
- **Xianshou Li (CEO)**, ReneSola, Taiwan
- **Peter Xie (President)**, Solarfun, China

PHOTON's

# 5<sup>th</sup> PV Investors Conference

July 29, 2009, Shenzhen

12:45 - 13:30

Lunch

13:30 - 15:15

*ASIA PACIFIC's HOTTEST PV MARKETS IN 2010 – Part 1*

- Chinese Renewable Energy Industries Association (CREIA), China
- Japan Photovoltaic Energy Association (JPEA), Japan
- Solar Energy Society of India, India

15:15 - 15:45

Coffee-Break

15:45 - 17:15

*ASIA PACIFIC's HOTTEST PV MARKETS IN 2010 – Part 2*

- Taiwan Photovoltaic Industry Association, Taiwan
- Korea Energy Management Corp., Korea
- Clean Energy Council, Australia

17:15 - 17:45

*INVESTMENTS: PV MADE IN ASIA – THE FINAL MODEL?*

- Reyaz Ahmad, International Finance Corp., USA
- Joonki Song, PHOTON Consulting, USA

17:45 - 18:00

*SUMMARY*

- Michael Rogol, PHOTON Consulting, USA

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(€430 for PHOTON International subscribers)  
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## Program

### PHOTON's 5<sup>th</sup> PV Equipment Conference: »AN ASIAN WAY FOR PV MANUFACTURING?«

9:00 - 9:10

#### CONFERENCE OPENING

##### *Chairperson:*

- **Michael Schmela**, PHOTON, Germany

##### *Invited speakers:*

9:10 - 9:30

#### KEYNOTE

- **Stuart Wenham**, Suntech Power, China  
»High quality products – Made in China«

9:30 - 10:30

#### INGOT & WAFERS

- **Zixhin Li**, JYT Corporation, China  
»Status and trends of c-Si crystallization«
- **Peter Weier**, Arnold, Germany  
»Automated ingot surface preparation concepts«
- **Stefan Schneeberger**, Applied Materials, Switzerland  
»Improved wafer production processes«

10:30 - 11:00

#### Coffee-Break

11:00 - 12:15

#### CELL PRODUCTION & MATERIALS

- **Wen Lien**, OTB Solar, The Netherlands  
»Cell automation concepts for Asian manufacturers«
- **Christian Buchner**, Schmid Group, Germany  
»Very high-efficiency cell lines«
- **Bond Wang**, Longji Silicon Technologies, China  
»Adapting cell production processes to silicon qualities«

12:15 - 13:15

#### Lunch

13:15 - 14:15

*THIN-FILM MODULE TURNKEY PRODUCTION LINES*

- **Hans Ebinger**, Oerlikon, Switzerland  
»a-Si and micromorph production lines – Successful case studies from Asia«
- **Dieter Schmid**, Centrotherm, Germany  
»CIS – Turnkey lines for high-efficiency thin-film module production «
- **Silvia Roth**, Roth & Rau, Germany  
»CdTe – Turnkey lines for low cost module production«

14:15 - 15:30

*MODULE PRODUCTION & MATERIALS*

- **Patrick Hofer-Noser**, 3S, Switzerland  
»Challenges to produce high-quality solar modules«
- **N.N.**  
»Overview on Encapsulation materials «
- **Wolfgang Plösch**, Isovolta, Austria  
»New trends for module back sheets«

15:30 - 16:00

*Coffee-Break*

16:00 - 17:00

*QUALITY CONTROL*

- **Michael Struckmeyer**, TÜV Rheinland, China  
»Results and conclusions of testing modules made in Asia – How to improve product quality?«
- **Ole Sordalen**, REC, Norway  
»Experience and plans for quality control systems in PV production factories in Europe and Asia«

17:00 - 17:45

*PANEL DISCUSSION:*

- »How to keep the Asian cost advantage?«

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Asia



## Shenzhen Convention & Exhibition Center

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Shenzhen 518048  
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## REDUCED PACKAGE PRICE

The total price to attend all three conferences is only €1,530 instead of €1,700 (excl. conference dinner) (€1,350 for PHOTON International subscribers).

8<sup>th</sup> Solar Silicon Conference, July 28, 2009 (conference dinner)

5<sup>th</sup> PV Investors Conference, July 29, 2009

5<sup>th</sup> PV Production Equipment Conference, July 30, 2009

Please register at: [www.photon-expo.com](http://www.photon-expo.com)