

inter solar

connecting solar business

| EUROPE

PV PRODUCTION AND TECHNOLOGY



June 8–10, 2011

Intersolar Europe Hall A5 –
Where PV Meets Manufacturing!
New Munich Trade Fair Centre, Germany

www.intersolar.de/pvgroup



PHOTO: Intersolar Europe is the place to discuss current and explore future manufacturing technologies and equipment.

INTERSOLAR EUROPE – THE PREMIER INTERNATIONAL EXHIBITION FOR PV MANUFACTURING

SUCCESS – After two very successful years, the PV Production and Technology segment at Intersolar Europe has established itself as the prime exhibition for PV manufacturing equipment, materials and technology. The proof is an increasingly high number of visitors with international and professional backgrounds and a clear interest in PV Manufacturing.

VALUE – The concept of having cell, module, and thin film manufacturers under the same roof with the equipment and materials suppliers has proven successful and continues to create enormously valuable synergies.

PROFESSIONAL – PV Group as the global PV association of choice will continue to co-organize this exhibition segment. Various PV technology and manufacturing related events will bring together a high number of leaders, decision makers, and professionals for the PV manufacturing community. These events will be focusing on the real needs of the industry and provide first hand and valuable information.

JOIN US – Join the leaders in PV Production and Technology! Be part of the community and showcase your products and services at Intersolar Europe 2011.



PHOTOS: From Silicon to Solar Cell - The entire value chain of PV Production on show at Intersolar Europe.

PV MANUFACTURING AT INTERSOLAR EUROPE

FOCUSED – Hall A5 is dedicated to the PV Production and Technology segment at Intersolar Europe. With cell and module makers exhibiting in the halls beside you, the exhibition represents the whole value chain of the PV supply chain. There is no other place to be closer to your customers. Intersolar Europe is a must-attend event on the exhibition calendar if you are a supplier of one of the following products or services.

PRODUCTS AND SERVICES

- Equipment and Machinery
- Automation Technology
- Cell and Module Manufacturing
- Thin Film Manufacturing
- Test and Measuring Technology
- Software
- Feedstock and Wafers
- Consumables
- Gases and Chemicals
- Solar Glass

SEMI PV GROUP

SEMI PV Group is the global industry association with more than 35 years of experience serving companies that provide equipment, materials and services used to manufacture semiconductors, displays, photovoltaics and other related technologies.

SEMI PV Group continues to co-organize this exhibition segment for Intersolar Europe. Their professional background and global member community ensures the right topics for the conferences and other related events will be covered. Not yet a member of the PV Group? Find out more online and join us.



→ www.pvgroup.org

TOGETHER WE CAN CHANGE THE WORLD

- Build bridges between cell and module manufacturers and their supplier base to address critical issues and move towards increased competitiveness
- Build standards that significantly reduce costs throughout the manufacturing supply chain and spur innovation
- SEMI Environmental Health and Safety (EHS) initiatives that help reduce the cost of EHS compliance



MEYER BURGER
SWISS SOLAR SYSTEMS

Meyer Burger Technology participated for the first time at the Intersolar Europe. The importance of the show within the global PV Industry gave us the opportunity to generate excellent leads. We were convinced by the quality of the exhibition and its surrounding activities and have it on our schedule for next year.

Werner Buchholz, Head of
Corporate Communications



M+W GROUP

Few exhibitions have been able to keep pace with the extremely fast development of the PV market as Intersolar did. Because M+W is active on "both sides" of the PV industry, i.e. in the construction of PV manufacturing facilities and in the turnkey realization of large-scale PV parks, we have an obvious interest in high-quality PV-related events. Intersolar is the one exhibition every year we at M+W are not willing to miss. In 2010 we were able to consolidate partnerships and get to know the key players. We were impressed by the quality of contacts we made and by the number of opportunities and prospects which resulted.

Mr. Harald Friedrich, Managing
Director M+W Germany

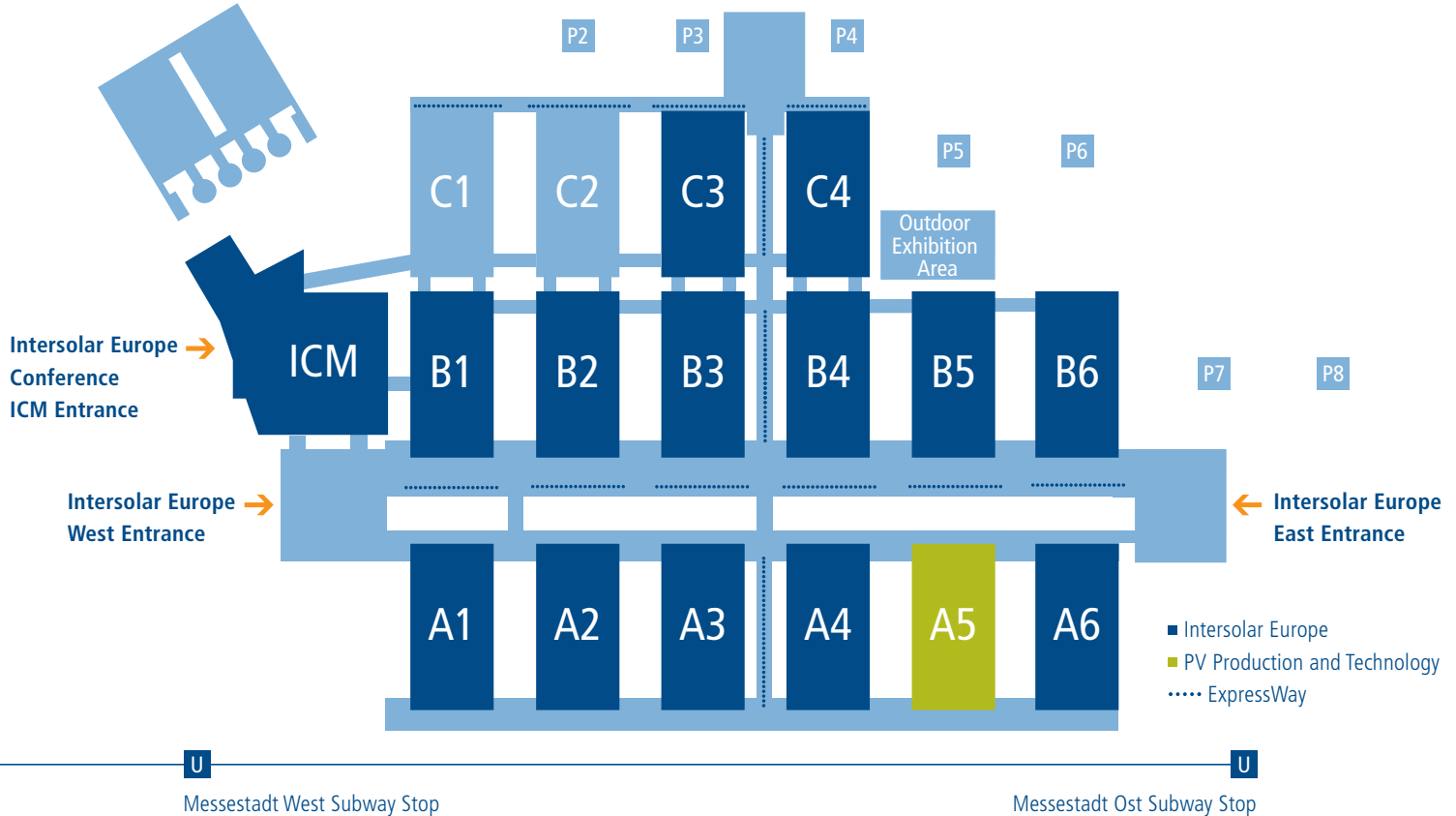
EXHIBITORS PV PRODUCTION AND TECHNOLOGY HALL 2010

3S Swiss Solar Systems AG | 4JET Sales+Service GmbH | ACI-ecoTec GmbH & Co. KG | ACTIV SOLAR GmbH | AGRU Kunststofftechnik GmbH | AIR LIQUIDE Deutschland GmbH | AIS Automation Dresden GmbH | AMB Apparate + Maschinenbau GmbH | Applied Materials, Inc | Asahi Glass Co. Ltd. | Asys GmbH | Bentham Instruments Ltd. | Böhme Kunststofftechnik GmbH & Co. KG | Böhm-Solar Equipment Technology GmbH | Bruker-Spaleck GmbH | Buchanan Systems GmbH | Carborundum Universal Limited | Carl Zeiss MicroImaging GmbH | Centrotherm Photovoltaics AG | Chem-Well Tech Co., Ltd. | CoreFlow Ltd. | Coveme Spa | DAS Environmental Expert GmbH | Diamond Materials Tech, Inc. | DMOS GmbH | Döbeln Elektrowärme | Doedijns Instrumentation B.V. Thermo Electric | Dongguan Anwell Digital Machinery Co., Ltd. | Dyesol | Eckpack Service GmbH | ed energie.depot GmbH | Edwards GmbH | EKO Instruments Europe B.V. | ENLOG LLC | Euris GmbH | Fäth GmbH | FHR Anlagenbau GmbH | FIX Maschinenbau GmbH | Fraunhofer-Institut für Elektronenstrahl- und Plasmatechnik FEP | FUJIFILM Corporation | GCL SOLAR | Gebr. Schmid GmbH + Co. | Gold Tech Industries | GP Solar GmbH | GrafTech International Holdings Inc. | GreenSolar Equipment Manufacturing Ltd. | Gsolar Power Co., Ltd. | Gujarat Borosil Limited | Gütling | Haas Training Solutions | Hecker Glastechnik GmbH & Co. KG | heliatek GmbH | HELIOS ITALQUARTZ S.r.l. | Henan Ancai Hi-Tech Co., Ltd. | Henan Huamei New Materials Technology Co., Ltd. | Henan Sanyu Solar Technology Co., Ltd. | Henan Succeed New Energy Material Co., Ltd | Hennecke Systems GmbH | IB Vogt GmbH | Innolas Systems GmbH | Interfloat Corporation | ISM, Norbert Schröder | Isovolta AG | Italpres di Zani Bruno & Co. s.n.c. | Itemic AG | Keller Feinwerktechnik GmbH | Kirchhoff & Lehr GmbH | Komax AG | Krempel GmbH | Kurt J. Lesker Company | Landeshauptstadt Dresden, Amt für Wirtschaftsförderung | Leybold Optics GmbH | Lisec Maschinenbau GmbH | Littelfuse | M.S.B. Facility Management | M+W Germany GmbH | Madico Inc. | Maschinenbau Gerold GmbH & Co. KG | MB Automation GmbH | Meco Equipment Engineers BV | Mettler-Toledo GmbH | Meyer Burger Technology AG | Mure & Peyrot | NanoFocus AG | New York Loves Clean Tech c/o MV Edge | Nexolon Co., Ltd. | Novopolymers NV | NPC Europe GmbH | Ortner c.i.s. GmbH | PASAN SA | Photovoltaics International | Prediktor | Pressta-Eisele GmbH | Qingdao Jinjing Co. Ltd. | RAYTEK GmbH | Rena GmbH | Rosenthal Mfg.Co., Inc. | Roth & Rau AG | S&R Solar Systems BV | Sächsisches Staatsministerium für Wirtschaft, Arbeit und Verkehr | Saes Getters S.p.A. | Saint Gobain Glass Deutschland GmbH | SBS metalltechnik GmbH | Schenker AG | Schreiner Group GmbH & Co. KG Geschäftsbereich ProTech | Sconvey GmbH Fördertechnik & Intralogistik | Semiconductor Equipment and Materials Int'l | SemiQuarz GmbH | Sensortherm GmbH | Shanghai Hercules Industry Co., Ltd. | Shanghai Hi-Show Photovoltaic Science & Technology Co., Ltd. | SiC Processing AG | Silicon Saxony e.V. | Siliken Deutschland GmbH | Sindhauer Materials GmbH | Sisecam - Trakya Cam Sanayii A.S. | SMP Sintermetalle Prometheus GmbH & Co.KG | SolarPVconsulting | Soltabond GmbH | SOMONT GmbH | Sontasun (Foshan) New Material Co., Ltd. | Specialized Technology Resources Espana | STMicroelectronics GmbH | STMicroelectronics N.V | Sunarc Technology A/S | Swiss Wafers AG | Synthetica Drehteile und Fördertechnik GmbH | SYSTEMA Systementwicklung Dipl.Ing. Manfred Austen GmbH | Taixing Weiwei Hi-Tech Material Co.,Ltd | Targray Technology | Tekna Srl | Tempres Systems BV | THERMOCOAX | Tooliss GmbH | TÜV InterCert GmbH | Ulbrich of Austria GmbH | Ulrich Rotte Anlagenbau und Förderungstechnik GmbH | ULVAC GmbH | USK Karl Utz Sondermaschinen GmbH | VacSol | Veolia Water | Veolia Water Solutions & Technologies | Vetrad BV | Voss electronics GmbH | W. C. Heraeus GmbH | Weicon GmbH & Co. KG | Wirtschaftsförderung Sachsen GmbH | Xi'an Longi Silicon Materials Co. Ltd. | Xi'an Longi Silicon Materials Co. Ltd. | Yingkou Jinchen Machinery Co., Ltd. | Yole Developpement | Zhejiang Jinggong Science & Technology Co., Ltd. | Zhejiang Riyuewang Solar Technology So., Ltd. | Zhengzhou Worshipsun Technology Co., Ltd. | Zimmermann & Schilp Handhabungstechnik GmbH | znt Zentren für Neue Technologien GmbH, Institut Freiberg

INTERSOLAR EUROPE EXHIBITION HALLS

Intersolar Europe, June 8–10, 2011

The World's Largest
Exhibition for the Solar Industry



PV PRODUCTION AND TECHNOLOGY EXHIBITION HALL A5

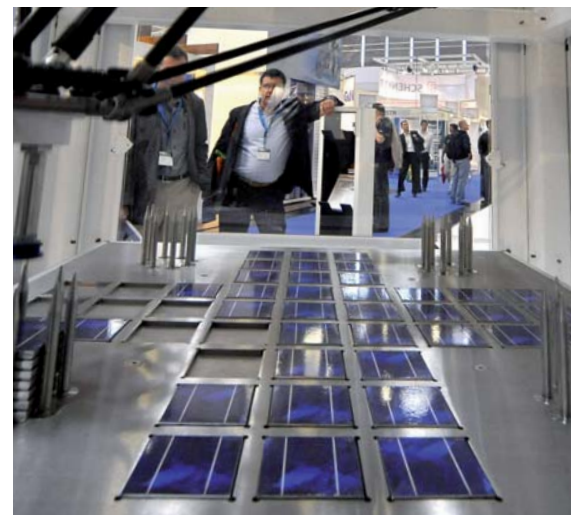
PV Manufacturing Material

- Feedstock
- Consumables (Paste, Wires, etc.)
- Gasses and Liquid Chemicals
- Solar Glass and Encapsulation

PV Manufacturing Machinery and Equipment

- for Wafers and Ingots
- for Cells
- for Thin Films
- Integration and Automation

PHOTO: High-end production technology on display at Intersolar Europe.



PV PRODUCTION AND TECHNOLOGY EVENTS AT INTERSOLAR 2011

Advanced Photovoltaic Manufacturing Technology Forum

The Advanced Photovoltaic Manufacturing Technology Forum will be held in conjunction with Intersolar Europe Conference. Themes for the forum are determined by strong committee guidance and will encompass the entire photovoltaic supply chain. The forum will focus on the real issues, hot topics, and current challenges of today's PV manufacturing plants. PV manufacturing practices and concepts clearly focused on the critical needs in our industry will also be discussed. Addressing, the most recent manufacturing science, and the PV technology advancements, the event is an ideal learning and networking platform.

Featured Topics include:

- FAB OPERATIONS EFFICIENCY – operations challenges, cost management, maintenance strategies, HR challenges and skill management, line supervision, cycle time and throughput management, and overall equipment efficiency
- TECHNICAL PRODUCTIVITY – yield, reliability, quality, tool, process, materials development, advanced equipment control, advanced process control, yield enhancement, device characterization, test, failure analysis, new technology introduction, product management
- FACTORY AUTOMATION & CONTROL – automated material handling system, production control, factory CIM strategies

Who should attend?

Operations managers, technical management, facility management, lead and chief engineers, purchasing managers, PV research and development engineers, equipment, software and service suppliers, and other PV professionals involved in manufacturing.

The forum will provide the venue for industry professionals to learn and share knowledge on the industry's challenges and accelerating innovative solutions for a prosperous PV industry growth.

PV Technology Roadmap Forum and Workshop

The CTM Group will again conduct the PV Technology Roadmap Forum during Intersolar Europe. The CTM Group (Crystal-line Cell Technology and Manufacturing Group) is a special interest group of SEMI PV Group. The forum is the platform to present and discuss the latest developments and to share opinions and individual assessments of the future. More details about the group's activities and work can be found on → www.itrpv.net

PV Standards Workshops and Meetings

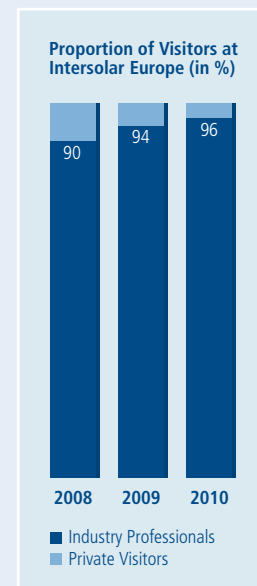
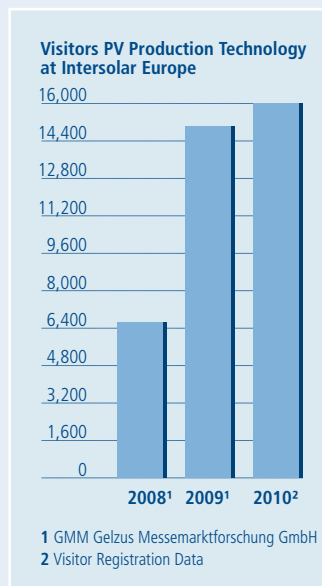
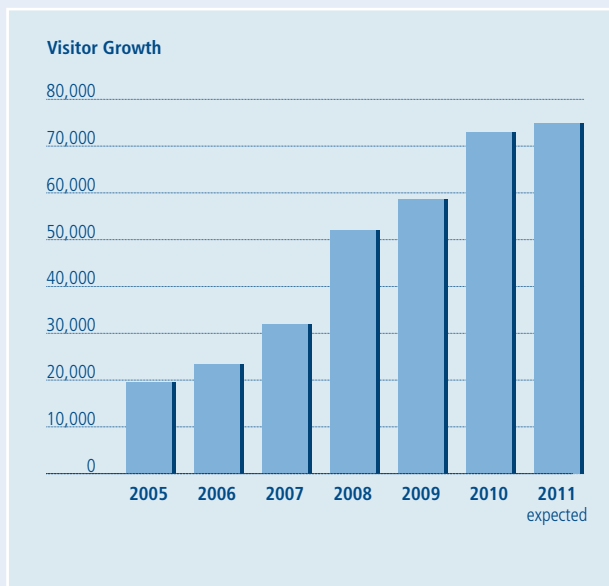
Why PV Standards? SEMI PV Group is the recognized leader in manufacturing standards – standards created by the industry, for the industry, to make PV a reality throughout the world. Intersolar Europe is the event where the most important standard taskforce and workshop meetings are taking place. To find out more about SEMI's PV related standards activities visit → www.pvgroup.org/standards

Intersolar Award 2011

Now in its fourth year, the annual Intersolar AWARD honors innovative products and services debuting at the exhibition and ideas from prior exhibitions that represent a significant advancement in products or services. Three pioneering products and services will be singled out for the Intersolar AWARD 2011: one each in Photovoltaics, Solar Thermal Technology and PV Production Technology. Winners in the first two categories are selected by an independent jury; SEMI PV Group is responsible for the third.

PHOTO: The whole spectrum of equipment for PV manufacturing.



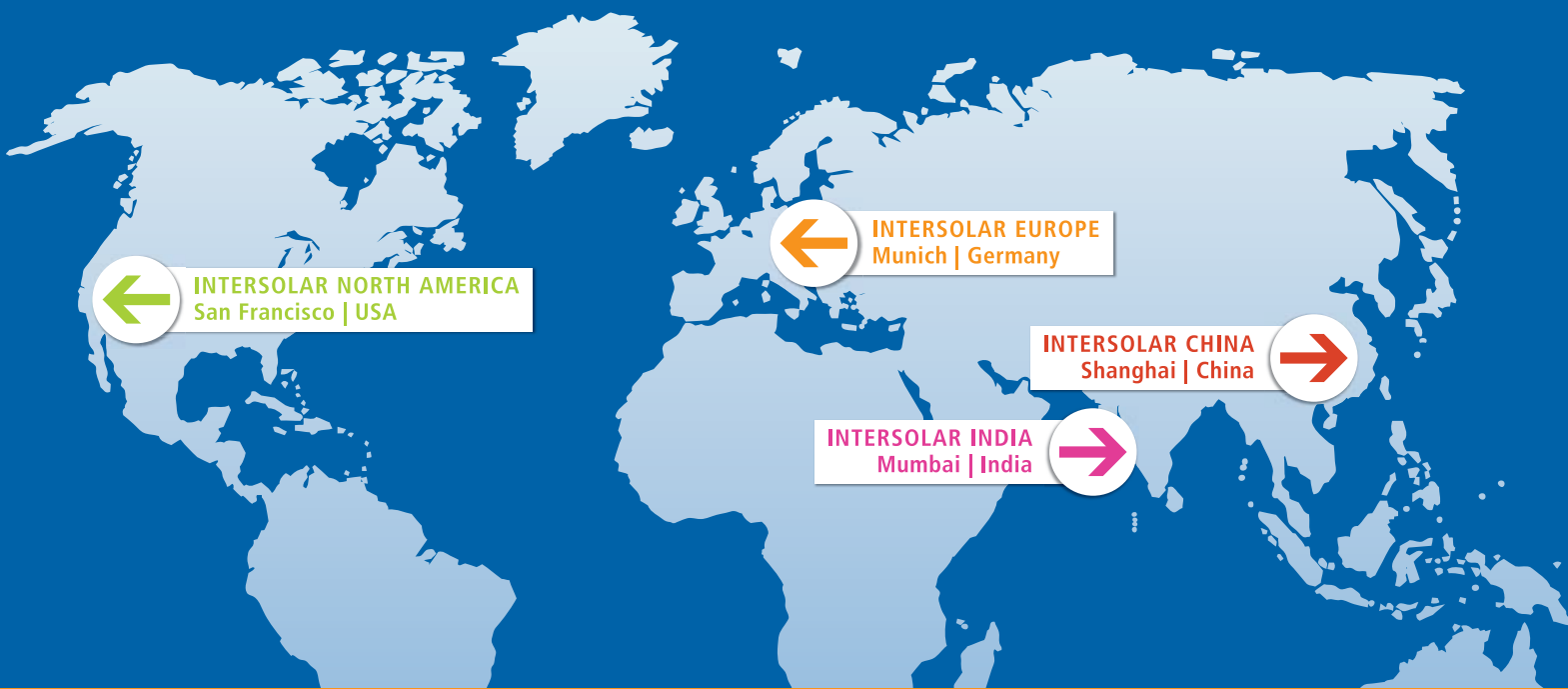


INTER SOLAR EUROPE – QUICK FACTS

Exhibition	June 8–10, 2011
Hours	Wednesday, June 8 9:00am–6:00pm Thursday, June 9 9:00am–6:00pm Friday, June 10 9:00am–5:00pm
Venue	New Munich Trade Fair Centre, Germany
Areas of Focus	Photovoltaics and Solar Thermal Technology
Exhibitors	2,000 (expected)
Exhibition Space	155,000 sqm
Visitors	75,000+
Application Form	→ www.intersolar.de → Exhibitor Service
Space Rentals	Row Booth: € 165/sqm Corner Booth: € 173/sqm Head Booth: € 180/sqm Island Booth: € 186/sqm Outdoors: € 95/sqm Prices plus VAT, € 0.60/sqm AUMA contribution and waste disposal.
Conference	June 6–10, 2011
Venue	International Congress Centre Munich (ICM), Germany
Attendees	2,500 (expected)
Topics	Photovoltaics Solar Thermal Technology, Solar Thermal Power Plants

Organizers





ORGANIZERS

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