

EXHIBITION PROGRAMS 2012



|| PV PRODUCTION AND TECHNOLOGY STAGE

Moscone Center, North Hall, booth 5483

Co-Organized by
 SEMI | PVGroup

TUESDAY, JULY 10	
PV Manufacturing in the U.S. – A Vision for the Future	Session Moderator: Ned Harvey, Chief Operating Officer & Vice President of Finance, Rocky Mountain Institute, U.S.
10:30am	Jeannine Sargent, President, Renewable Energy and LED Lighting, Flextronics, U.S.
10:50am	Eric Peeters, Vice-President Clean Energy, Dow Corning, Belgium
11:10am	Andrew Beebe, Chief Commercial Officer, Suntech Power, U.S.
11:30am	Chase Weir, Chief Executive Officer, Distributed Sun, U.S.
11:50am	Bettina Weiss, Vice-President, SEMI PV Group, U.S.
12:10pm	Panel Discussion, Q & A
12:30pm	Lunch Break
International Standards on PV Module Quality & Reliability	
Session Moderator: James Amano SEMI, U.S.	
1:00pm	John Wohlgemuth, Principle Reliability Physicist, NREL, U.S.
1:15pm	Masaaki Yamamichi, AIST, Japan
1:30pm	Chris Flueckiger, Primary Engineer, Renewable Energy at Underwriters Laboratories, UL, U.S.
1:45pm	Dr. Michael Koehl, Fraunhofer Institute for Solar Energy Systems, Germany
2:00pm	Panel Discussion, Q & A
Business Benefits of Green Manufacturing in the PV Industry	
Session Moderator: Sanjay Baliga, Sr. Project Manager, EHS, SEMI, U.S.	
3:00pm	Dr. Vasilis M. Fthenakis, Senior Research Engineer and Scientist, Brookhaven National Labs, U.S.
3:15pm	Alex Heard, Vice President, EHS, First Solar, U.S.
3:30pm	Bruce Klafter, Sr. Director EHS, Applied Materials, U.S.
3:45pm	Andy McIntyre, CIH, Managing Principle, Environmental Health, Safety and Sustainability Consulting, U.S.
4:00pm	Panel Discussion, Q & A

WEDNESDAY, JULY 11	
Scaling Thin Film PV Technology to Bankability – Supply Chain and Manufacturing Challenges	
Session Moderator: Matt Feinstein, Senior Analyst, Lux Research Inc.	
10:30am	Greg Ashley, Vice President and COO, Solar Frontier, U.S.
10:50am	Dr. Howard Lee, Chief Technical Officer, Stion, U.S.
11:10am	Dr. Florian Holzapfel, Chief Executive Officer, Calyxo, U.S.
11:30am	Chris Norris, Chief Executive Officer, Alta Devices, U.S.
11:50am	Dr. Jason Cornelle, Vice President Product Technology, Miasole, U.S.
12:10pm	Panel Discussion, Q & A
12:30pm	Lunch Break
NASA Jet Propulsion Laboratory – Flat Plate Solar Array Project – Bringing Solar Mainstream	
Session Moderator: Eric Romano, Strategic Marketing Manager, DuPont Photovoltaic Solutions, U.S.	
1:30pm	Dr. Ronald G. Ross NASA/JPL, Dr. Greg Davis NASA/JPL, Jet Propulsion Laboratory

WEDNESDAY, JULY 11	
New Materials in PV Manufacturing – Dye Sensitized, Full Organic, Hybrid	
Session Moderator: Mark Thirsk Managing Partner, Linx-Consulting, U.S.	
3:00pm	Dr. Henning Richter, Director of Materials Synthesis Research, Nano-C, U.S.
3:15pm	Thomas R. Earnest Jr., Global Market Development Manager, DuPont Photovoltaic Solutions, U.S.
3:30pm	Dr. Vishal Shrotriya, Vice President of Business Development, Solarmer Energy, U.S.
3:45pm	Dr. Martin Drees, OPV Device Team Manager, Polyera, U.S.
4:00pm	Thomas Kolbusch, Vice President, Coating Equipment, Coatema Coating Machinery GmbH, Germany
4:15pm	Panel Discussion, Q & A

THURSDAY, JULY 12	
PV R&D Research Consortia – Global Insights and Activities	
Session Moderator: Brent Nelson, Group Manager, NREL, U.S.	
10:30am	Ross M. Goodman, Assistant Vice President for Clean Energy, CSNE, U.S.
10:50am	Jef Poortmans, Program Director of PV R&D Program, IMEC, U.S.
11:10am	Larry Kazmerski, Executive Director, Science and Technology Partnerships NREL, U.S.
11:30am	Masashi Nagura, Specialist, BOS, NEDO, Japan
11:50am	Olivia Coldrey, Investment Director, Australian Solar Institute
12:10pm	Panel Discussion, Q & A
12:30pm	Lunch Break
Advanced Photovoltaics – Ultra High Efficiency Technologies	
Session Moderator: John Benner, Executive Director, Bay Area PV Consortium, U.S.	
1:30pm	Dr. Nasreen Chopra, Vice President, Co-Founder, Alta Devices, U.S.
1:50pm	T.S. Ravi, Chief Executive Officer, Crystal Solar Inc., U.S.
2:10pm	Dr. Rajesh Rao, Director of Technology, Astrowatt, U.S.
2:30pm	Dr. Vigit Sabnis, Vice President of Technology, Co-Founder, Solar Junction, U.S.
2:50pm	Scott Burroughs, Vice President of Technology, Semprius, U.S.
3:10pm	Panel Discussion, Q & A

KEYNOTE STAGE, ESPLANADE HALL	
Tuesday, July 10, 2012	
1:00pm	PV Keynote: Mark Pinto, Executive Vice President and General Manager, Energy and Environmental Solutions, Applied Materials
Wednesday, July 11, 2012	
1:00pm	PV Keynote: James G. Brown, President of Global Business Development, First Solar

|| SPECIAL EXHIBITS & PROGRAMS IN NORTH HALL

Special Exhibit: PV ENERGY WORLD
North Hall, booth 5135

The PV ENERGY WORLD special exhibit presents the latest information on the evermore important developments in the field of energy storage and grid integration. The exhibit, speaker platform and information boards present the vision of how PV energy will impact the U.S. energy portfolio in the coming years. Voice your opinions: don't miss the stimulating presentations by industry experts and ensuing discussion! Exhibits, displays and expert presentations at the forum afford insights into the latest developments and offer everyone the opportunity for personal discussions with the players driving these developments.

The PV ENERGY WORLD special exhibit at Intersolar North America showcases the latest developments and pioneering solutions. The topic clusters of energy storage and grid integration allow visitors to learn more about state-of-the-art technology and the solutions of the future.



Special Exhibit: Solar & Sustainable Transportation
North Hall, booths 5879, 5867, 5853

Explore new, cool electric vehicle (EV) exhibits on the show floor in North Hall featuring clean and sustainable automotive technologies and energy storage: Arcimoto presents a vehicle based on a unique new electric vehicle platform, CODA Energy designs and builds scalable energy storage solutions for a range of applications, the Solar Car Project at Stanford University presents a 100% solar powered racecar.

Intersolar Happy Hour
PV Production and Technology Hall, North Hall

Wind down the second day of the show at the Intersolar North America Happy Hour! Mix and mingle with exhibitors and fellow attendees at this casual networking event held right in the PV Production and Technology Hall of Moscone North. Grab a drink and strikeup conversations with your suppliers, customers, and colleagues! Drink tickets are available for prepurchase during registration for Intersolar North America attendees.

Wednesday, July 11, 3:30pm–5:00pm
Cost: Free to attend, cash bar



|| DON'T MISS OUT INTERSOLAR'S FREE EXHIBITION PROGRAMS AND SPECIAL EVENTS!

The Intersolar North America Exhibition is the place to brush up on information regarding innovations and the state-of-the-art technologies shaping the industry. Meet the international solar business community at Intersolar North America 2012, co-located with SEMICON West, and engage with more than 22,000 visitors and about 850 exhibitors presenting their solutions to current solar trends. Attendees have full access to the FREE presentations on the exhibit floor in Moscone Center, West and North Hall.

PV ENERGY WORLD
North Hall, booth 5135

This special exhibit presents the latest information on the evermore important developments in the field of energy storage and grid integration – a vision of how PV energy will impact the U.S. energy portfolio in the coming years.

PV Production & Technology Stage North Hall, booth 5483
Keynote Stage Esplanade Hall

The PV Production & Technology hall, co-organized by SEMI PV Group, is dedicated to PV manufacturing suppliers and their technologies. The presentations delivered on the PV Production & Technology Stage will focus on the real, critical issues and current challenges for both today's PV manufacturing plants and tomorrow's technology advancements. Don't miss the keynote speeches and the special programs of North Hall and Esplanade Hall.

|| FREE PROGRAMS & WORKSHOPS ON THE FOUR STAGES

Innovation Exchange Stage
West Hall, Level 3, booth 9659

At the Innovation Exchange exhibitors and Intersolar AWARD 2012 nominees present their innovations through 30-minute presentations, offering visitors a compact and informative overview of the company's latest developments. Further special events to be highlighted are the Intersolar AWARD Ceremony at Tuesday July 10, 4:00pm and the 7th Joint Forces for Solar - Briefing and Networking Forum.

Practical Point Stage
West Hall, Level 3, alcove 2

Free workshops will be offered as part of a platform designed for industry insiders to exchange expertise and experiences. Topics include solar roofing best practices, starting and growing a solar business and exhibitor presentations.

Organizers



Co-Organizer



INNOVATION EXCHANGE STAGE

Moscone Center, West Hall, Level 3, booth 9659

Intersolar would like to thank our Innovation Exchange Sponsor



TUESDAY, JULY 10	
10:30am	Remote Controlled High Efficiency Storage Systems for Grid Connected PV Systems Guido Tonin, Executive Vice President, Santerno, Inc./Carraro Group, U.S.
11:00am	Comprehensive Performance Monitoring of Photovoltaic System Rafal Pabich, Product Manager, Carlo Gavazzi, Inc., U.S.
11:30am	Draker PV Management Jefferson Goethals, Director of Product Development, Draker Laboratories, Inc., U.S.
12:00pm	Utility Scale PV Power Optimization Using a Main Site Controller Andy Fioramonti, Business Development Manager, TMEIC, U.S.
12:30pm	CyboInverter – The World’s First Solar Power Mini-Inverter Dr. George Cheng, CEO, CyboSoft/CyboEnergy, U.S.

Presentations of Intersolar AWARD Nominees ‘Solar Projects’

1:00pm	The Dependable Companies’ PV Installation Isabelle Christensen, Marketing and PR Director, JinkoSolar, U.S.
1:15pm	Solar Power Takes Off at the Thunder Bay International Airport Noah Eckert/Colin Parker, Director of Commercial and Utility Scale Markets/ VP Projects and Engineering, Canadian Solar Inc., U.S.
1:30pm	Riverside Renewable Energy Solar Project: Developing the Largest Customer-Sited Rooftop PV System in North America Marc Gordon, Manager of National Accounts, North America Commercial, SunPower Corporation, U.S.
1:45pm	US Air Force Academy and the Triple Bottom Line: Reducing Electricity Costs, Creating American Jobs and Improving Energy Security Kevin Prince, Project Development Manager, Federal Programs, SunPower Corporation, U.S.
2:00pm	Copper Crossing Solar Ranch – Overview of a Sustainable Partnership: SRP, Iberdrola Renewables and SunPower Wayne Mays, Director, Technical Services, Iberdrola Renewables, U.S.
2:15pm	Oxford Gardens Solar Project. Canadas Largest Solar Heating and Cooling Installation Suni Ball, General Manager, Enerworks, Inc., Canada
2:30pm	ESA Solar Project Benefits Local School and Community Jeffrey Burkett, President of ESA Renewables, LLC, U.S.
4:00pm	Intersolar Award Ceremony – Solar Projects in North America

WEDNESDAY, JULY 11	
10:30am	Advanced Edge Sealants with Integrated Driers for Photovoltaic Modules Marco Amiotti, SAES Getters S.p.A., Italy
11:00am	Special Event: Solar3.0 – A National Roadmap from Policy to Profitability Doug Payne, Co-founder, Executive Director, Solar Tech, U.S.
12:00pm	New Technologies of BYD TOP5 module Oscar Su, Business Development Manager, BYD Europe B.V., U.S.
12:30pm	Does a Tracker Still Make Sense? Doug King, Systems Integration Engineer, SolarWorld Americas, LLC., U.S.
1:00pm	Intelligent Solar Energy Through Parallel Solar Technology Gene Krzywinski, Co-Founder & CTO, eIQ Energy, Inc., U.S.

WEDNESDAY, JULY 11	
1:30pm	Busch Introduces the Newest Model of the Busch DS Series COBRA DS Vacuum Pump Enhancements Dr. Paul Alers, Busch Global Product Manager, Busch, LLC., Switzerland
2:00pm	Labeling to Article 690 of the National Electrical Code Routing and Protecting PV Cables Todd Fries, Marketing Manager ID Systems, HellemanTyton, U.S.
2:30pm	Special Event Joint Forces For Solar: 7 th PV Briefing & Networking Forum USA <ul style="list-style-type: none"> ■ The Californian PV Market - Scenarios for 2012 and Beyond ■ Panel Discussion: How to Ensure Sustainable Growth in California & the USA? ■ Industry Experts’ Point of View: Looking at Latin American PV Markets ■ Networking



THURSDAY, JULY 12	
10:30am	Bonfiglioli PV Inverter Architecture Robert Lenke, Product Manager Photovoltaic Solutions, Bonfiglioli, Germany
11:00am	Innovations in Process Flow – Proven Key to Cost Leadership Mark Willingham, Managing Director, Schiller, LLC., U.S.
11:20am	Non-contact PV Substrate Handling Using Ultrasound Bearing Technology Dr. Josef Zimmermann, Managing Director, Zimmermann & Schlipf GmbH, Germany
11:40am	RENA Targets Equipment to Reduce Production Costs and Increase Cell Efficiency Anne Chase, Technical Sales Manager, RENA GmbH, Germany
12:00pm	Anti-Light Reflective Coating of Solar Glass – A Possibility to Increase the Power Output of a Solar Module Sven Kramer, Senior Sales Engineer, Burke North America, Inc., U.S.
12:20pm	Production Methods for Large Area Flexible Electronics and OPV Thomas Kolbusch, Vice President, Coatema Coating Machinery GmbH, Germany
12:40pm	Backsheet Selection Criteria Tailored – Solutions for All John A. Anderson, Sales Manager Solar Materials, Krempel USA, U.S.
1:00pm	Status and Tendencies in the Thin Film Photovoltaic Equipment Market Dr. Reinhard Fendler, CEO, FHR Anlagenbau GmbH, Germany
1:20pm	EMD’s Isishape @Etching Concepts Boost Efficiency of Crystalline Solar Cells Robert S. Miller, Senior Business Manager LC and Emerging Technologies, EMD Chemicals, U.S.
1:40pm	Inkjet for Photovoltaics Tim Luong, Sales Engineer, FUJIFILM Dimatix, U.S. FUJIFILM Dimatix, U.S.
2:00pm	Photonic Curing as an Advanced Material Processing Method Stan Farnsworth, VP Marketing, NovaCentrix, U.S.
2:20pm	Solution Processing Technologies for PV Manufacturing Dr. Robbie Charters, Chief Technology Officer, nTact, U.S.
2:40pm	Roll to Roll Manufacturing of Organic Solar Cells Vishal Shrotriya, Ph.D, Vice President of Business Development, Solarmer Energy, U.S.

PRACTICAL POINT STAGE

Moscone Center, West Hall, Level 3, alcove 2

Attend Intersolar’s free training programs at the Practical Point Stage! To reflect the growing domestic demand for solar applications throughout the United States and the increasing need to address relevant aspects of the downstream sector,

the Practical Point is being introduced in 2012. Here, free workshops will be held for industry insiders, practitioners, installers, system integrators to exchange expertise and experiences.

TUESDAY, JULY 10	
12:15pm	Workshop: NABCEP Company Accreditation – A New Standard of Excellence for Residential PV Installation Companies NABCEP, U.S.
2:00pm	Special Event: California Business Opportunities and State Trade and Export Program – Exporting Made Easy Team California, U.S.

WEDNESDAY, JULY 11	
10:30am	Workshop: Tools and Techniques for Commissioning and O&M PV Instructors: Rebekah Hren, Brian Mehalic, Kristopher Sutton, ISPO Certified PV Instructor, NABCEP Certified PV Installer & Licensed Electrical Contractor, Solar Energy International, U.S.
2:00pm	Workshop: Starting a Successful Solar Business Jeff Spies, Business Development Manager, Quick Mount PV, U.S.

THURSDAY, JULY 12	
3:30pm	Exhibitor Presentations Revolutionizing Rooftops: SOLON SOLquick’s Rooftop System John Rethans, Director of Product Management, SOLON Corporation, U.S.
4:00pm	Lambda Light - Low-ballast, non-penetrating Flat Roof Mounting System Chris Schuring, Key Account Manager, Mounting Systems, Inc., U.S.
4:30pm	A Racking System for Commercial Buildings that Tilts for Reroofing without Removing the Solar Array Tony Zante, President & CEO, ISA Corporation, U.S.

Workshop Partners



@ Fotolia: Anthony Leppold

SPECIAL EXHIBITS & PROGRAMS IN WEST HALL



Job & Career Forum
West Hall, Level 1, booth 7065



The Job & Career Forum, taking place on level 1 of Moscone West, is the solar employment program point at Intersolar North America for qualified personnel. Whether you are looking to enter the solar industry or want to take your current solar career to the next level, you’ll find exactly what you are looking for at the Job & Career Forum. Get on the path to achieving your professional goals!

Program Features

- Onsite exposure to major solar players
- Ability to upload résumé to RenewableEnergyWorld.com JOBS
- Meet with companies across all industry segments
- Free job search and printout via computer kiosks

Intersolar TV

West Hall, Level 2, lobby, L201

Intersolar TV reports the latest news on Intersolar North America every day. During the exhibition, up-to-date reports, background information and statements from the event will be posted on Intersolar’s website. The TV broadcasts provide insight into the exhibition’s main themes and report on highlights such as technological advancements being presented onsite, conference highlights and much more. Be sure to check out Intersolar TV at → www.intersolar.us or at Intersolar Global Pavilion (Level 2, L200).



Event Broadcast Booth

West Hall, Level 2, lobby, L201

The event broadcast highlights exhibiting companies alongside the latest solar industry trends and hot-topic conversations between solar professionals at Intersolar North America 2012 and are produced on-site by RenewableEnergyWorld.com.

Intersolar Global Pavilion

West Hall, Level 2, lobby, L200

We welcome you to Intersolar’s Global Pavilion in the lobby of Level 2, booth L200. Those interested in finding out more about Intersolar’s global presence can stop by and obtain detailed information on our global exhibitions. Intersolar’s global events take place in Munich, San Francisco, Mumbai and Beijing.



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- Onsite routing inside the halls (iPhone only)
- Points of interest and restaurants
- Intersolar North America Conference and accompanying program including Innovation Exchange



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