

High Efficiency Solar Technologies

TAIYANGNEWS

Virtual Conference

From PERC, HJT to TOPCon and IBC

Supported by



TAIYANGNEWS REPORT LAUNCH ONLINE CONFERENCE

Dec 1 - 4, 2020 | 14:00-17:00 CET

Free Registration at TaiyangNews.info

#HighEfficiencySolarTechnologies

Speakers From:



DAY 1: Tue, Dec 1

PERC Modules with M10/182mm Cells Towards Very High Efficiency Products

14:00 – 14:30 OPENING: WELCOME & KEYNOTE



14:00 – 14:10 | **Welcome**
Michael Schmela,
Managing Director,
Taiyangnews



14:10 – 14:30 | **KEYNOTE High Efficiency Solar Developments - A view from the International Roadmap for Photovoltaics (ITRPV)**
Dr. Jutta Trube, Director PV Equipment, VDMA

14:30 – 16:00 Presentations



14:30 – 15:00 | **182mm Cell based Modules Boost for System Cost Reduction and Efficiency**
Leo Yu,
Senior Manager of Global Product Management,
JinkoSolar



15:00 – 15:30 | **Advantages of 182mm Cell based Modules in Manufacturing**
Tao Wang,
Product Manager,
JA SOLAR



15:30 – 16:00 | **Value Proposition of High Power Bifacial PERC Modules Based on M10-182mm Wafers**
Hongbin Fang,
Director of Product Marketing,
LONGI SOLAR

16:00 – 17:00 EXECUTIVE PANEL:



Dany Qian
Global Vice President,
Jinkosolar



Ignacio Espinosa
Senior Technical Manager,
JA Solar



Hongbin Fang
Director of Product Marketing
LONGI SOLAR



Sebastian Petretschek
Vice General Manager,
Solar & Commercial Products
Greater China,
TÜV Rheinland

17:00 CLOSING DAY 1 | MICHAEL SCHMELA, TAIYANGNEWS

DAY 2: Wed, Dec 2

Heterojunction Cell Technology – Less Production Steps and Higher Output

14:00 – 16:10 Presentations



14:00 – 14:30 | **Overview on HJT Solar Cell Research Technology Developments**
Prof. Christophe Ballif,
Director, CSEM PV-Center



14:30 – 14:55 | **Silicon Heterojunction Solar Cells – How Fast Can We Move?**
Prof. Wenzhong Shen,
Shanghai Jiao Tong University



14:55 – 15:20 | **Updates on Commercial HJT Cell & Module Production**
Shravan Chunduri, Head of Technology, TaiyangNews



15:20 – 15:45 | **Why HJT is The NEXT Big Thing in Solar Cell Technology**
Yifeng Song, Head of Product Management,
Risen Energy



15:45 – 16:10 | **Low Cost Ag Coated Copper Paste for Heterojunction Solar Cells**
Prof. Marwan Dhamrin, Senior Specialist (Executive Officer) Core Technology Center, Toyo Aluminium

16:10 – 17:00 EXECUTIVE PANEL:

17:00 CLOSING DAY 2 | MICHAEL SCHMELA, TAIYANGNEWS

DAY 3: Thu, Dec 3

TOPCon – An Easy PERC Upgrade Towards Higher Efficiencies

14:00 – 16:00 Presentations



14:00 – 14:30 | **TOPCon Update – Past, Status and Future Developments**
Shravan Chunduri,
Head of Technology,
TaiyangNews



14:30 – 15:00 | **Transfer of TOPCon Process to Industrial PECVD Tool**
Dr. Jochen Rentsch,
Head of Department Production Technologies,
Fraunhofer ISE



15:00 – 15:30 | **Wet Chemical Boost for High-Efficient Passivated Contact Cells**
Dr. Holger Kühnlein,
Technology & Process Director, RENA



15:30 – 16:00 | **Advantages of TOPCon for Commercial Cell/Module Production**
Dr. Liu Zhifeng,
Vice General Manager,
Jolywood

16:00 – 17:00 EXECUTIVE PANEL:

17:00 CLOSING DAY 3 | MICHAEL SCHMELA, TAIYANGNEWS

DAY 4: Fri, Dec 4

IBC – All Ways Lead to the Efficiency Leading Technology

14:00 – 16:00 Presentations



14:00 – 14:30 | **Overview of Back Contact Solar Cell Technology Developments**
Dr. Radovan Kopecek,
Managing Director Advanced Cell Concepts,
Member Executive Committee, ISC Konstanz



14:30 – 15:00 | **Maxeon IBC: Combining High Efficiency with Superior Reliability**
Dr. Doug Rose,
VP Technology Strategy, SunPower



15:00 – 15:30 | **Maximizing Application Opportunities with IBC Cells**
Dr. Charlie Gay,
CEO, Violet Power



15:30 – 16:00 | **Next Generation Silicon based Tandem Technologies**
Dr. Gianluca Coletti
Project Manager Tandem PV, TNO(ECN);
Adjunct Professor UNSW

16:30 – 17:00 EXECUTIVE PANEL:

17:00 CONFERENCE CLOSING | MICHAEL SCHMELA, TAIYANGNEWS