

08:00 – 09:00 Registration & Refreshments

09:00 – 09:10 Welcome & Introduction to PV CellTech 2019

David Owen, CEO, **PV-Tech & Solar Media Ltd.**

Introduction of Moderator for PV CellTech 2019

Finlay Colville, Head of Research, **PV-Tech & Solar Media Ltd.**

09:10 – 10:15 Morning Session 1: The cell production landscape in 2019: which technologies are really in mass production today?

Wei Shan, CTO, **JA Solar**: High-efficiency cell production in high-volume

Jörg Müller, Vice President R&D Cells, **Hanwha Q CELLS**: Advanced PERC technology

Andy Chin, R&D Manager, **TongWei Solar**: Multi-GW high-efficiency cell production: p-type PERC & n-type HJT developments

10:15 – 10:50 Morning Session 2: Keeping multi and mono p-type cells competitive in the market (Part 1)

Yuepeng Wan, CTO, **GCL Poly**: The new era of casting technology: casting mono-Si

Guoqiang Xing, Senior VP & CTO, **Canadian Solar**

10:50 – 11:15 Morning Break & Networking

11:15 – 12:45 Morning Session 3: Keeping multi and mono p-type cells competitive in the market (Part 2)

Moderator

Jenya Meydbray, CEO, **PV Evolution Labs (PVEL)**

Speakers

Chung-Han Wu, CTO, **Boviet Solar**

Guangyao Jin, Chief Scientist, **DuPont Photovoltaic & Advanced Materials**

Huang Qiang, Technical VP, **Risen Energy**: World record-breaking PERC manufacturing technology

Adam Lorenz, CTO, **1366 Technologies**

12:45 – 13:30 Lunch Break & Networking

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13:30 – 14:35 Afternoon Session 1: New metal wrap through (MWT) developments to enhance advanced cell efficiencies in mass production

Arthur Weeber, Senior Scientist Specialist - Programme Manager PV Technologies, **ECN (part of TNO)**: Performance enhancement of high-efficiency PV modules by using metal wrap through (MWT) technology
Fengming Zhang, CEO, **Sunport Power**
Bram Verschoor, CCO, **Eurotron**

14:35 – 15:15 Afternoon Session 2: Passivated contacts: what is needed for this process flow to become a mainstream offering in the PV industry? (Part 1)

Keynote speaker

Jochen Rentsch, Head of Department - Production Technology: Surfaces & Interfaces, **Fraunhofer ISE**
Fireside chat with key industry experts

Shubham Duttgupta, Deputy Director & Group Head, **Solar Energy Research Institute of Singapore (SERIS)**
Gunter Erfurt, CTO, **Meyer Burger**

15:15 – 15:40 Afternoon Break & Networking

15:40 – 16:40 Afternoon Session 2: Passivated contacts: what is needed for this process flow to become a mainstream offering in the PV industry? (Part 2)

Zhifeng Liu, General Manager, **Jolywood**
Yifeng Chen, Vice Director - High Efficiency Cells R&D, **Trina Solar**: >25% high efficiency solar cells: overview & prospective
Raymond de Munnik, VP Business Development, **Semco**: Simplicity for passivated contacts

16:40 – 18:45 Afternoon Session 3: Heterojunction cell expansions: is 2019 to be a breakthrough year for HJT in multi-GW mass-production?

Sergey Abolmasov, Senior Process Engineer, **Hevel Solar**
Anis Jouini, CEO, **CEA-INES**
Gunter Erfurt, CTO, **Meyer Burger**
Liyou Yang, CEO, **Jinneng Clean Energy Technology (Jinergy)**
Omid Shojaei, CEO, **INDEOTec**
Tommy Xu, COO & Deputy GM, **China Intellectual Electric Power Technology (CIE)**

18:00 – 20:00 Evening party with food/drink & networking, sponsored by Meyer Burger, will begin during the conclusion of the final session of the day (Afternoon Session 3)

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08:30 – 09:00 Refreshments

09:00 – 09:45 Morning Session 1: The rise of p-mono PERC: enhanced performance from cell-cutting, bifaciality, multi-busbar/grid-interconnects, copper plating, etc.

Keynote Speaker

Hongbin Fang, Director of Technical Marketing, **LONGi Solar**

Panel discussion

What is the efficiency limit for rear passivated p-type mono cells?

09:45 – 11:15 Morning Session 2: n-PERT and variants: benchmarking with state-of-the-art p-mono PERC and HJT/IBC mass production leaders

Xie Tian, Director of Wafer Quality Management, **LONGi Solar**

Qi Wang, Chief Scientist, **JinkoSolar**

Eric Schneiderlöchner, Director - Crystalline Photovoltaics, **Von Ardenne**: High volume PVD-technology options for high efficiency silicon solar cells

Wei Wang, Solar Cell R&D Senior Manager, **GCL System Integration**: Industrially feasible n-type passivated contact solar cells

11:15 – 12:00 Morning Break & Networking

12:00 – 13:00 Morning Session 3: Advanced inspection, yield optimization and cost-controlling measures; maximizing the potential of high-efficiency cell production with the lowest production costs

Moderator

Bruce Lee, Global Applications Manager – Photovoltaics, **MacDermid Enthone**

Speakers

Gordon Deans, CEO, **Aurora Solar Technologies**: PERC production yield improvement using volume I-V data & a loss component approach

Richard Moreth, Head of PV Sales, **VITRONIC**

13:00 – 14:00 Lunch Break & Networking

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14:00 - 15:00 Afternoon Session 1: PV technology roadmap I: the views of leading cell producers and materials/equipment suppliers

Christian Buchner, Vice President - Business Unit PV, **SCHMID Group**

Weiming Zhang, Executive VP & CTO, **Heraeus Photovoltaics**: Enabling higher efficiency through metallization improvements & breakthroughs

15:00 – 16:30 Afternoon Session 2: PV technology roadmap II: forecasts from third-party trade bodies and PV-Tech

Alison Ciesla, Project Leader – Industry Collaborations, ARC Centre of Excellence in Advanced Silicon Photovoltaics & Photonics, **University of New South Wales**

Markus Fischer, Co-Chair, **ITRPV Steering Committee**: ITRPV 10th edition 2019; report release & key findings

Finlay Colville, Head of Research, **PV-Tech & Solar Media Ltd.**

16:30 Conference closing remarks

17:00 – 19:00 Evening party with food/drink & networking, sponsored by Kiwa

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