

EPFL

 **Empa**
Akademie



WORKSHOP

Industrialization of Perovskite Thin Film Photovoltaic Technology



SwissTech Convention Center
Quartier Nord EPFL, Switzerland

Friday, 25 September 2026
from 13:00 to 17:00 CET

TOPIC

The advent of hybrid perovskites in the family of solar cell technologies is spurring tremendous research activities worldwide. The major thrust for endorsing this thin film technology consists of the competitive power conversion efficiencies, low manufacturing costs and interoperability with well-established technologies such as crystalline silicon and CIGS.

Following the huge research effort with thousands of scientific publications every year, industrial implementation has gained impetus. This workshop shall capture the most important developments in the field of industrialization of perovskite solar cells by bringing together a panel of industrial representatives of the major players.

TARGET AUDIENCE

With this workshop we intend to update and inform about the progresses made and challenges faced by companies pushing forward industrialization of perovskite solar cells. Targeted are scientists and engineers in the field of solar cells as well as industrialists and investors being interested in this growing sector.

POSTER

Posters are welcome and boards will be available. Please contact the conference office.

REGISTRATION

Fee: CHF 180.–

Please register at:

<https://www.psc0-2026.org/>

Deadline: 23 August 2026

PROGRAM COMMITTEE

Prof. Frank A. Nüesch

Dr. Fan Fu

Empa

Prof. M. K. Nazeeruddin

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CONFERENCE OFFICE

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SPONSORING

- Greatcell Solar Materials Pty Ltd
- nsm Norbert Schlöffli AG
- Perovskia Solar SA
- TSE Troller AG

PROGRAM

- 12:00 Registration**
- 13:00 Opening**
Prof. F. Nüesch / Dr. Fan Fu,
Empa, Dübendorf (CH)
- 13:15 4T Perovskite / Si Tandem Module by GCL**
Dr. F. Bin, GCL-Power, Suzhou (CN)
- 13:30 The next Space Race – Perovskite in Orbit**
Dr. C. Case, Oxford PV, Oxford (UK)
- 13:45 From Pilot Line to Industrialization:
Scaling 4T Tandem Modules at SunXT**
Dr. F. Di Giacomo, Solertix S.r.l, Rome (IT)
- 14:00 Perovskite and Perovskite / Silicon 4T
tandem Applications and Challenges**
Dr. B. Yan, Microquanta Semiconductor,
Hangzhou (CN)
- 14:15 The Industrial Production of
Perovskite Solar Modules**
Prof. M. K. Nazeeruddin, Utmolight, Wuxi (CN)
- 14:30 Printable Mesoscopic Perovskite Solar Cells
under All-Wet-Process**
Dr. Zhang Deyi, Wondersolar Huazhong,
University of Science and Technology (HUST),
Wuhan (CN)
- 14:45 Sponsor pitches – Coffee break**
- 15:30 GW-Scale HJT Today, Tandems Tomorrow:
Swift Solar's Path to High Volume
Manufacturing**
Dr. M. Hoerantner, Swift Solar, Colorado (US)
- 15:45 Scaling Perovskite Photovoltaics:
Enabling Mass Manufacturing and
New Energy Applications at Singfilm Solar**
Prof. Y. Hou, Singfilm Solar, Singapore (SG)
- 16:00 Perovskite development at First Solar**
Dr. O. Lundberg, First Solar's European
Technology Center (ETC), Uppsala (SE)
- 16:15 Designed for Life – Powered by Light**
A. Verma, Perovskia Solar SA, Aubonne (CH)
- 16:30 Investigate on Efficient Perovskite /
Silicon Tandem Solar Cells and
Industrialization**
Dr. Yongcai He, LONGi Green Energy
Technology Co. Ltd, Xi'an, China
- 16:45 Flexible Perovskite / CIGS Tandem Solar Cells
with Practical Durability**
Dr. M. Nakamura,
PXP Corporation, Kanagawa, (JPN)
- 17:00 Short conclusions**
Prof. F. Nüesch / Dr. Fan Fu,
Empa, Dübendorf (CH)

The SwissTech Convention Center was created to host national and international conferences. The realization of the center was therefore designed to offer organizers and convention participants the ideal place for their event.

The SwissTech Convention Center offers a variety of room sizes, thanks to the three modular auditoriums where you can adapt the number of seats to your audience.

The floor “Garden” meanwhile can accommodate between 1 and 17 rooms sub-commissions, suitable for your needs. This space of nearly 3500 m² can also be used to host exhibitions.

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