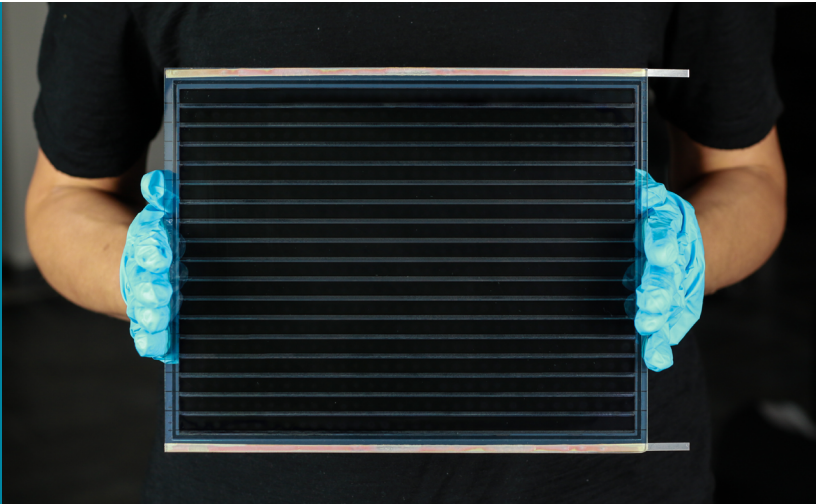


WORKSHOP

Industrialization of Perovskite Thin Film Photovoltaic Technology



Eventforum Bern

Thursday, 4 October 2018, 12:30 – 18:00

TOPIC

Thin film PV technology based on perovskite absorbers has been identified as the most promising solar technology for energy harvesting due to its high efficiency, low energy impact during fabrication as well as potentially low production cost. The yearly number of publications exceeding one thousand in 2015 witnesses the formidable research effort dedicated to this rising technology. Industrial efforts to realize technological implementation are however still at the beginning leaving a rather untouched field for tomorrow's manufacturers. This workshop is aimed at gaining insight into the vision, strategies and development track of the most advanced players in the field of large area module manufacturers.

TARGET AUDIENCE

With the workshop we intend to update and inform present and future stakeholders and gather persons willing to support this fascinating endeavour.

Scientists and Engineers in the field of solar cells as well as industrialists and investors being interested in this rising field.

POSTER

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

NRP 70 – PV 2050 FRAMEWORK

According to the energy strategy of the Swiss Government, photovoltaics (PV) should become a major electricity source by 2050. The National Research Program (NRP) of the Swiss National Science Foundation supports development of technologies with lowered cost, improved building integration and promotes market penetration.

REGISTRATION

The event is free of charge.

Please register:

www.empa-akademie.ch/indupero; or
isabella.gartmann@empa.ch

Deadline: 24 September 2018

MODERATION

Prof. Frank A. Nüesch
Empa

PROGRAM COMMITTEE

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PROGRAM

12:30 Welcome coffee – Poster session

13:30 Opening

Prof. F. Nüesch, Empa, Dübendorf (CH)

13:40 PV2050: A joint Swiss effort towards high PV efficiency

Prof. Ch. Ballif, EPFL, Lausanne (CH)

14:00 Low cost solutions towards perovskite photovoltaics

Dr. H. Desilvestro, Greatcell Solar SA, Lausanne (CH)

14:20 Ultra-low-cost perovskite thin-film solar cells, an opportunity for Europe

Dr. T. Meyer, Solaronix SA, Aubonne (CH)

14:40 Perovskite solar absorbers – breaking the silicon performance limit

Dr. E. Crossland, Oxford PV, Oxford (UK)

15:00 Coffee break, sweets and fruits – Poster session

15:40 Scalable perovskite-based photovoltaic modules for stand-alone and multijunction applications

Dr. T. Aernouts, Solliance, Eindhoven (NL)

16:00 Flexible perovskite solar cells by ink-jet printing

Dr. O. Malinkiewicz, Saule Technologies, Warsaw (PL)

16:20 Perovskites at GCL Nano

Prof. B. Fan, GCL Power, Suzhou (CHN)

16:40 Development and innovation support by the SFOE

Dr. S. Oberholzer, SFOE, Bern (CH)

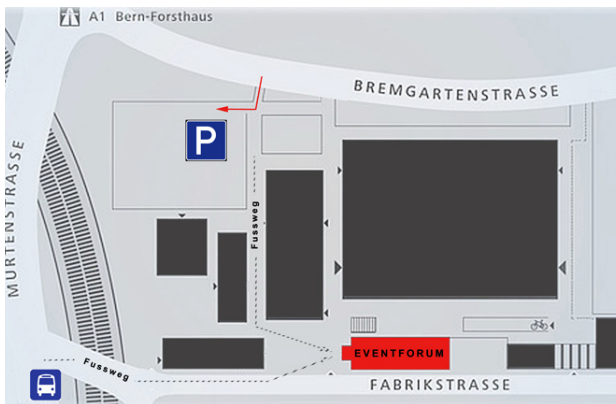
17:00 Short conclusions & Closure

Prof. F. Nüesch, Empa, Dübendorf (CH)

17:10 Apéro riche – Poster session

There is only very limited parking available at the Eventforum Bern.

Please use public transportation. From Bern main station, take the Postauto bus #101 direction “Kappelenring/Schlossmatt” and get off at “Güterbahnhof”. From there it is a two minute walk to the Eventforum.



Eventforum Bern
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3012 Bern
www.eventforumbern.ch