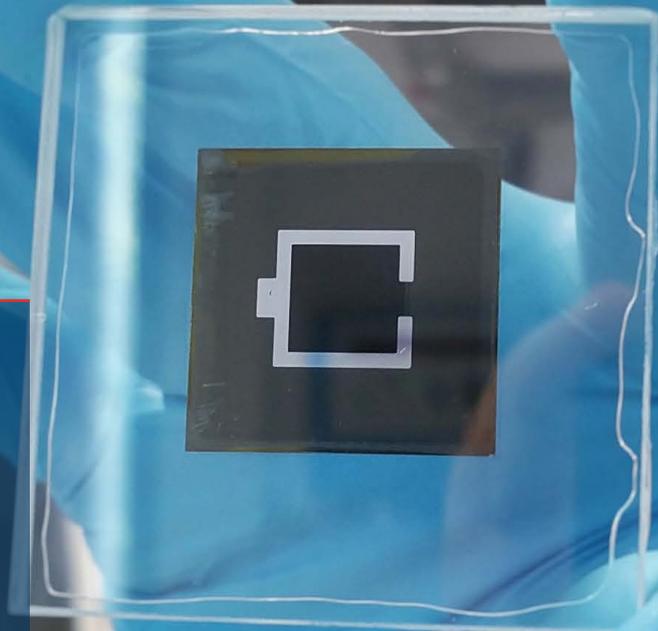


1st International TandemPV Workshop

14-16 April 2021
Berlin + Live Broadcast



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SCOPE

Tandem solar cells have emerged as a promising option for surpassing the single-junction efficiency limit, with impressive power conversion efficiencies above 29% reported recently in metal halide perovskite/silicon tandems as well as highly efficient III-V/silicon and perovskite/CIGS devices. Therefore, we believe that the time is right to launch the **tandemPV workshop**: this will be the first dedicated event to bring together researchers from around the world who are studying tandem solar cells, with an emphasis on perovskite/silicon-based devices.

The scope of the workshop encompasses the whole range of related topics: The **first day** will be dedicated to **materials research**, discussing the challenges in top and bottom cell materials including carrier selective contacts and interconnection layers for tandems. On the **second day**, we will focus on the **tandem devices**, especially the most mature ones: perovskite-silicon solar cells. We will also look at other technologies such as III-V tandems: What can we learn from their long history, on topics such as device design or calibrated device characterization? Finally, the workshop will be rounded off on the **third day** with an **industry day**, where topics such as upscaling, industrialization and module technology of tandem cells will be covered, again focussing on perovskite/silicon tandems.

The oral presentations will be given by invited speakers who are key players in their fields. In addition, we will have a poster session which will be open to contributions from all participants.

The tandemPV workshop will take place in Berlin-Adlershof on April 14-16, 2021. We aim at a hybrid on-site and online workshop; if required by the Covid-19 situation, we will change to a fully online workshop.

We are very much looking forward to having you in Berlin for an exciting workshop!

PLACE

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Hosted by:



FURTHER INFORMATION

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