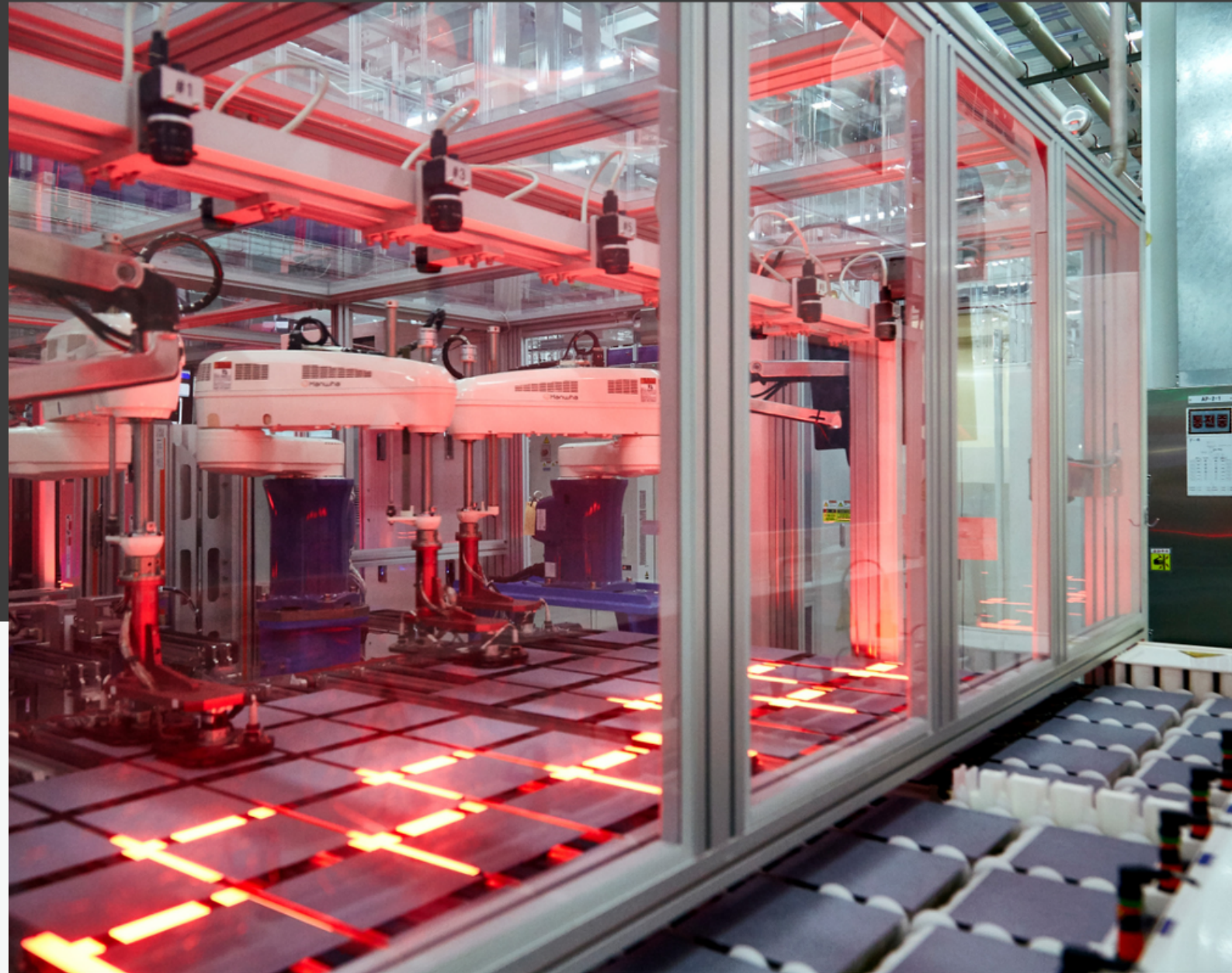


PEPPERONI WEBINAR



Empowering Future Solar Energy: Unveiling PEPPERONI's Perovskite/Silicon Tandem PV Ambitions

November 10, Online
13:00 - 14:30 (CET)

Programme

Speakers

Registration

Who should join?



Programme

10 November 2023
13:00 - 14:30



Time: 13:00 - 13:10

Welcome & introduction

Time: 13:10 - 13:30

Silicon Evolution: Navigating the Latest Technological Advancements

Speaker: Fabian Fertig, Germany

Time: 13:30 - 13:50

Tandem Unveiled: Exploring Perovskite/Si Solar Technology Inside Out

Speaker: Quentin Jeangros, Switzerland

Time: 13:50 - 14:10

Challenges in up-scaling of Perovskite/Silicon Tandem Cells and Modules

Speaker: Bernd Stannowski, Germany

Time: 14:10 - 14:30

Open discussion

More info

Speakers

Registration

Who should join?

Speakers

■ PEPPERONI webinar



Dr. Fabian Fertig

Director of Global R&D for Wafer & Cells
PEPPERONI technology development
coordinator



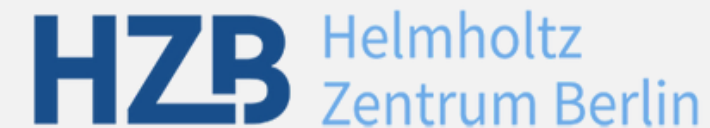
Dr. Quentin Jeangros

Senior R&D Engineer in Perovskite PV
Leader of PEPPERONI WP4



Prof. Bernd Stannowski

Head of the group for Industry compatible
silicon-based solar cells
PEPPERONI coordinator



[Programme](#)

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[Registration](#)

[Who should join?](#)



Topics

■ PEPPERONI webinar



Dr. Fabian Fertig



Silicon Evolution: Navigating the Latest Technological Advancements

The presentation will cover the innovations within Qcells as a key player within the silicon PV industry in the last years, and define requirements for perovskite-based PV to be competitive with the current mainstream. Developing tandem technology towards these requirements is the key objective of PEPPERONI.

▶ Programme

▶ Speakers

▶ Registration

▶ Who should join?



Topics



Dr. Quentin Jeangros



Tandem Unveiled: Exploring Perovskite/Si Solar Technology Inside Out

Latest advances in the field of perovskite/silicon tandem solar cells will be presented, from the emergence of new contact materials, interface passivation strategies to the integration of these new building blocks into high-efficiency devices. In addition to reviewing latest progress made in the field, the presentation will also highlight the critical challenges that need to be tackled to make perovskite/silicon tandems an important element of the energy transition.

Programme

Speakers

Registration

Who should join?

Topics

■ PEPPERONI webinar



Prof. Bernd
Stannowski

HZB Helmholtz
Zentrum Berlin

Challenges in up-scaling of Perovskite/Silicon Tandem Cells and Modules

Explore the intricacies of up-scaling perovskite/silicon tandem cells and modules in PEPPERONI's ambitious project, spanning 2022 to 2026.

Addressing performance, manufacturing, and socioeconomics, the aim is to overcome barriers to mass-producing high-performance PV modules. From fundamental research to large-scale manufacturing, 17 partners collaborate across the PV innovation value chain, leveraging European expertise. This presentation unveils significant strides in perovskite/silicon tandem PV technology, showcasing progress and innovations in this dynamic field.

▶ Programme

▶ Speakers

▶ Registration

▶ Who should join?

About PEPPERONI

PEPPERONI, co-funded by the EU and supported by the Swiss State Secretariat, is a 4-year project (Nov 2022-Nov 2026) driving perovskite/silicon tandem PV technology towards market introduction.

Led by Helmholtz-Zentrum Berlin and Qcells, PEPPERONI tackles market entry barriers, paving the way for efficient, low-cost energy system decarbonisation. With 17 partners across 12 European countries, the consortium leverages expertise from fundamental research to small-scale testing and development of solar cells all the way to high-throughput industrial manufacturing of large solar modules.



Fabian Fertig

This research promises to break new ground in the advancement of perovskite-silicon tandem solar cell and module technology. Join us for a webinar to learn more.

Registration

Who should join?

This webinar is perfect for anyone interested in the cutting-edge developments of PV technologies. Whether you're a solar energy enthusiast, a researcher, or a professional in the field of PV development or installation, this event is tailored for you.

Join us to explore the latest advancements in silicon PV, delve into the potential of perovskite/silicon tandem technology, and gain insights into PEPPERONI's aims.



▶ Programme

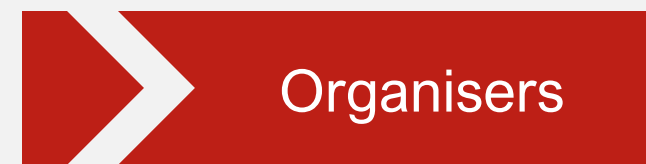
▶ Speakers

▶ Registration

▶ More info



Register



For questions, please reach out to us at:



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 www.pepperoni-project.eu

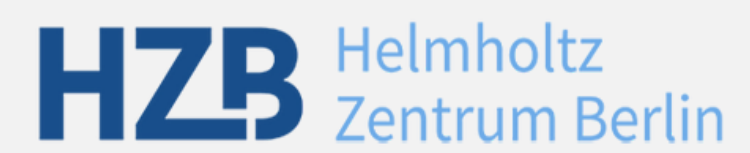
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WEBINAR

Organisers



Acknowledgement

PEPPERONI is co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them. The project is also supported by the Swiss State Secretariat for Education, Research and Innovation (SERI).

