



EU PVSEC 2020 *online*

37th European Photovoltaic Solar Energy
Conference and Exhibition

*we connect -
everywhere!*



Post Event
Report

The Innovation Platform for the Global PV Solar Sector

7 - 11
September
2020

www.photovoltaic-conference.com
www.photovoltaic-exhibition.com



INTRODUCTION

The EU PVSEC is the largest international Conference for Photovoltaic research, technologies and applications. It gathers the global PV community to conduct business, to network and to present and discuss the latest developments and innovations in Photovoltaics. It is the world-renowned science-to-science, business-to-business and science-to-industry platform with a full and only focus on the global PV Solar sector.

In 2020, for the first time ever, the EU PVSEC was held entirely online.

The EU PVSEC has always been a pivotal to the definition and presentation of the future PV technologies and strategic trends.





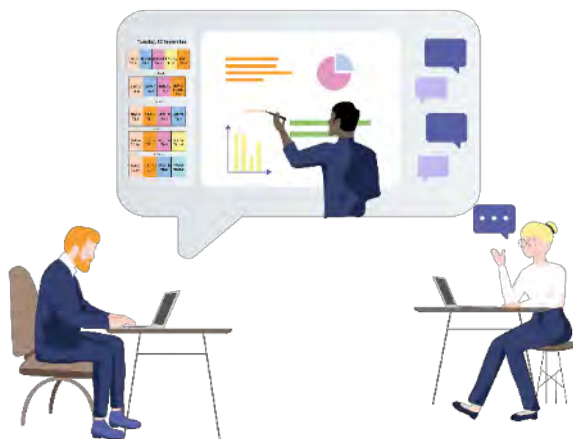
EU PVSEC 2020 KEY FACTS

Around **1500 Participants** from
65 countries

Over **850 live** plenary, oral and visual presentations

6 Parallel Events

3,000+ Views of the Opening



CONFERENCE TOPICS

1. NEW MATERIALS AND CONCEPTS FOR PHOTOVOLTAIC DEVICES

2. SILICON MATERIALS AND CELLS

3. PEROVSKITES AND OTHER NON-SILICON MATERIALS, MJIS AND TANDEMS

4. PHOTOVOLTAIC MODULES AND BOS COMPONENTS

5. PV SYSTEMS AND STORAGE – MODELLING, DESIGN, OPERATION AND PERFORMANCE

6. PV APPLICATIONS AND INTEGRATION

7. FINANCE, MARKETS AND POLICIES



EVENT IMPRESSIONS

The screenshot shows the homepage of the EU PVSEC 2020 online event. The header includes the event logo, navigation links (Lobby, Conference, Parallel Events, Exhibition, Networking, Press Counter, Help Desk, Sponsors, Media Partners), and a search bar. The main content area features a 'WELCOME' message and a list of event categories, each with an 'ENTER NOW' button:

- CONFERENCE**: The Conference Programme offers a carefully crafted programme of almost 1000 top-level international presentations giving participants in-depth insights into the latest research in the PV solar energy sector. Choose a session and enter plenary, oral and visual presentations.
- PARALLEL EVENTS**: Parallel Events offer a deep insight into specific topics along the most recent PV technology, PV application and market trends and address to global decision makers from industry, research, finance and politics. Check out the detailed programmes and enter the virtual auditorium.
- EXHIBITION**: The unique character of the EU PVSEC combines the world's largest PV science and technology conference with a PV industry and technology show, attracting the entire professional PV community from around the globe. Visit the virtual booths and get in contact with our exhibitors.
- NETWORKING**: Connect with the global PV Community in dedicated chatrooms to gain knowledge, explore trends and discuss what is needed to keep up the new solar momentum in the EU.
- HELP DESK**
- PRESS CORNER**

This screenshot shows a virtual meeting interface with five participants in a grid layout. The participants are identified as Arno Simets, Nicola Petersal, Julio Carabe - CIEMAT, Heinz Ossendorfer, and Robert Kenny. The background features the EU PVSEC 2020 logo and the hashtag #EUPVSEC2020.

The screenshot shows a presentation slide titled "Context and approach" from LePMI. The slide details the perovskite deposition process steps:

- Perovskite precursor solution spreading
- Spin-coating + Ethyl acetate (E.A.) before the end
- Anti-solvent dripping (ZZ min at T_{room} (N₂))
- Room temperature drying (1 h at 80°C (N₂))
- Thermal annealing

Key parameters and notes include:

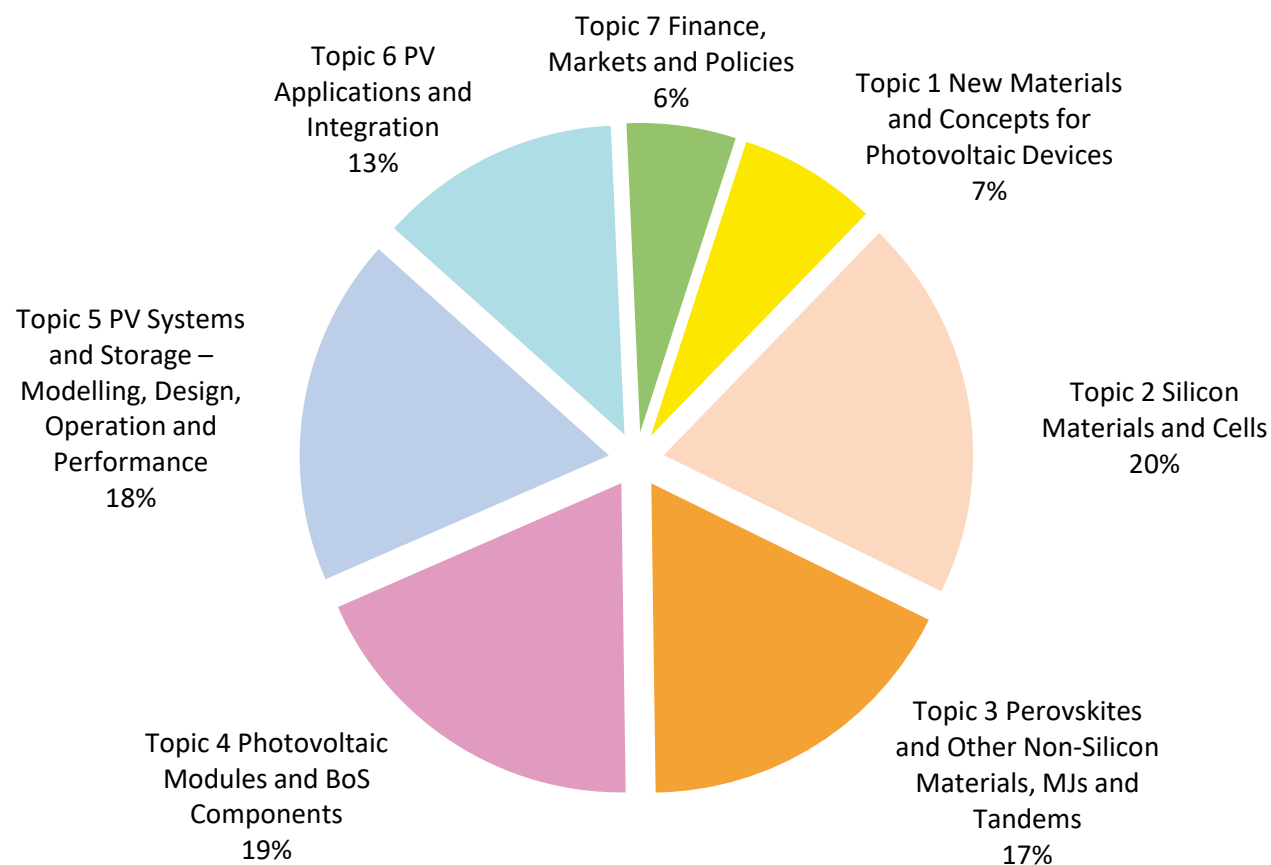
- Varying anti-solvent dripping time (ADT)**: Ethyl acetate dropped with an ADT between 5 and 55 s ($XX = ADT + 5$)
- Adding a room-temperature drying time (r-TDT) before thermal annealing**: r-TDT between 0 and 60 min in a glovebox ($ZZ = r-TDT$)



TOP 10 COUNTRIES OF PARTICIPANTS

1. Germany
2. Italy
3. France
4. Switzerland
5. Netherland
6. Spain
7. Japan
8. United States
9. United Kingdom
10. Belgium

PAPERS BY TOPIC

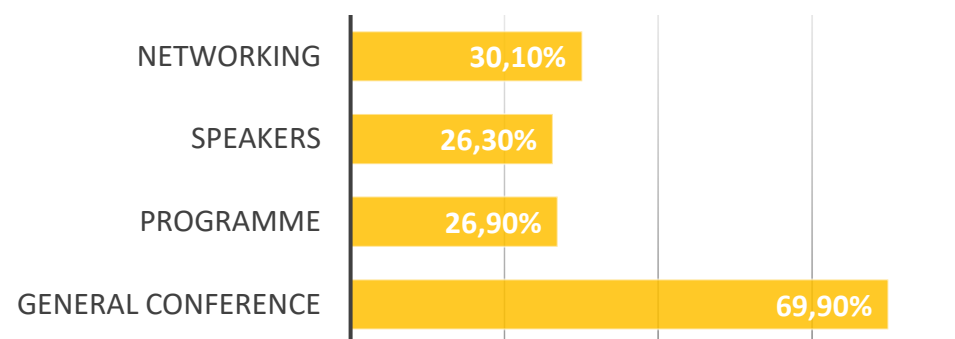




PARTICIPANTS FEEDBACK

What convinced you to attend the conference?*

Reason to participate



~ **79%** of participants rated the event as **very successful***

~ **95,5%** are either **likely or very likely** to attend the EU PVSEC 2021*

*Survey answered by 10% of all EU PVSEC participants.

Advantages of the EU PVSEC?*

- Amount and quality of speakers
- Variety of topics, good programme
- Technical depth and breadth
- Scientific contribution is very high
- Brings together industry and R&D
- Networking to fellow participants
- Good parallel sessions

Quotes from attendees:

"I believe it is the best conference in the Solar Energy field! It gathers all the most relevant actors and state-of-the-art in the field."

Eduardo Sarquis Filho, Instituto Superior Técnico, Portugal

"Higher quality research that is relevant both to the scientific community and industry."

Harvey, Guthrey, NREL, USA

"High scientific quality oif the papers, largest number of attendents and good inclusion of the scientific community in the programme."

Hubert Aulich, SC Sustainable Concepts GmbH, Germany



SUPPORT

Institutional Support



- European Commission
- UNESCO - United Nations Educational, Scientific and Cultural Organization
- WCRE - World Council for Renewable Energy

Institutional PV Industry Cooperation



- SolarPower Europe, the new EPIA (European Photovoltaic Industry Association)
- SOLARUNITED - Global Solar Business & Technology Association

Supporting Associations



- AIE - European Association of Electrical Contractors
- CABA - Continental Automated Buildings Association
- AREA - African Renewable Energy Alliance

Supporting Organisations



- ESA - European Space Agency
- EREF - European Renewable Energies Federation
- EUFORES - The European Forum for Renewable Energy Sources
- REN21 - Renewable Energy Policy Network for the 21st Century
- IEA PVPS - International Energy Agency, Photovoltaic Power Systems Programme
- ETIP - European Technology & Innovation Platform PV
- EUREC - The Association of European Renewable Energy Research Centres
- ARE - Alliance for Rural Electrification
- APVI - Australian PV Institute
- AREA - African Renewable Energy Alliance



APPENDIX

Conference Proceedings / Citability of Papers

All accepted papers of plenary, oral and visual presentations will be published online on the EU PVSEC Proceedings website. The proceedings are indexed by INSPEC.

Papers in the conference proceedings are coded by a digital identifier (DOI code) provided by the German National Library of Science and Technology. This guarantees an unequivocal and permanent identification and citability.

- Conference participants eligible for receiving the Proceedings of a specific Conference benefit from an immediate free online access to the Proceedings after publication.
- All papers published in the EU PVSEC Conference Proceedings are available for download without extra costs six months after publication. This allows the entire PV community to easily access this comprehensive database for PV research and technology, renowned for the high standard of its scientific contributions.

Scientific Journal Publication - Partnership with Progress in Photovoltaics

A selected number of the highest scored abstracts from every Conference Topic has been invited to be peer reviewed and published by the renowned scientific journal Progress in Photovoltaics on the occasion of the EU PVSEC 2020. This publication will be in addition to the annual publication in the Conference Proceedings of the EU PVSEC.

CONTACT

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