EU PVSEC

EU PVSEC 2024

41st European Photovoltaic Solar Energy Conference and Exhibition

POSTER AREA

An alternating sequence of poster sessions has been implemented in order to gain space during the time slots dedicated to visual presentations. Please bare this in mind when visiting the Poster Area.

Level 1 Gallery

Poster Area

Sun	22 Sept. 2024	16:00 – 18:00
Mon	23 Sept. 2024	08:30 – 18:00
Tue	24 Sept. 2024	08:30 – 18:30
Wed	25 Sept. 2024	08:30 – 18:30
Thu	26 Sept. 2024	08:30 – 18:30

Presenters' Desk

Sun	22 Sept. 2024	16:00 – 18:00
Mon	23 Sept. 2024	07:30 – 18:30
Tue	24 Sept. 2024	08:00 – 18:30
Wed	25 Sept. 2024	08:00 – 18:30
Thu	26 Sept. 2024	08:00 – 18:30
Fri	27 Sept. 2024	08:00 – 12:00

Authors' Area

Sun	22 Sept. 2024	16:00 – 18:00
Mon	23 Sept. 2024	07:30 – 18:30
Tue	24 Sept. 2024	08:00 – 18:30
Wed	25 Sept. 2024	08:00 – 18:30
Thu	26 Sept. 2024	08:00 – 18:30

Monday, 23 Sept.

- 13:30 – **3AV.1** | T3.1/3.4 — PV Module Design and Manufacturing | BoS Components, Operation and Aging
- 15:00 Break
- 15:15 – **3AV.2** | T3.2 — PV Modules Reliability: Components, Failure Mechanisms, Testing & Modelling
- 16:45 Break
- 17:00 – **3AV.3** | T3.3 — PV Module Design and Manufacturing | BoS Components, Operation and Aging
- 18:30

Tuesday, 24 Sept.

- 08:30 – **2BV.1** | T2.4/2.5 — Advances in Novel Materials, Devices and Concepts | New Modelling and Characterisation Techniques
- 09:30 Break
- 10:30 – **2BV.2** | T2.3 — Compound and Organic Semiconductors
- 12:00 Lunch
- 13:30 – **4BV.3** | T4.3 — Operation, Performance and Maintenance of PV Systems
- **4BV.4** | T4.4 — Photovoltaic in/on Buildings
- **1BV.5** | T1.1/1.5 — Silicon Material: Growth, Defects and Recycling | Manufacturing of Solar Cells and Related Tools & Processes

Wednesday, 25 Sept.

- 13:30 – **4CV.1** | T4.1 — Solar Resource and Forecasting
- **1CV.2** | T1.2/.3/.4 — Processing & Characterisation of Crystalline Si based Solar Cells | Silicon Bottom Cells for Tandem Photovoltaics | Advances in Silicon Solar Cells Characterisation and Simulation
- **2CV.3** | T2.1/2.2 — Perovskite-based Multijunctions | Perovskite Photovoltaics

Thursday, 26 Sept.

- 08:30 – **4DV.1** | T4.5 — Dual Use (Floating PV, Agrivoltaics, VIPV) and other Innovative PV Applications
- 10:00 Break
- 10:30 – **5DV.2** | T5.1/5.2 — Energy System Integration; Resilience and Security of Supply; Solar Fuels, Storage | PV Sustainability
- 12:00 Lunch
- 13:30 – **5DV.3** | T5.3/.4/.5 — PV Diversification Upstream and Downstream - from Industry to Applications | Costs, Economics, Finance and Markets | The Revolution of PV
- 15:00 Break
- 15:15 – **4DV.4** | T4.2/4.6 — PV System Engineering | Control and Systems for Power Systems with Renewables Integration
- 16:45 Break
- 17:00 – POSTER AWARDS WINNERS SESSION
- 18:30

Topics / Subtopics

1 Silicon Materials and Cells
- T1.1 Silicon Material Science and Technology
- T1.2 Single Junction Silicon Cells
- T1.3 Silicon Bottom Cells for Tandem Photovoltaics
- T1.4 Characterisation & Modelling of Silicon Cells
- T1.5 Manufacturing of Silicon Cells

2 Thin Films and New Concepts
- T2.1 Perovskite-based Tandems
- T2.2 Perovskites
- T2.3 Compound and Organic Semiconductors
- T2.4 New Materials, Devices and Conversion Concepts
- T2.5 New Modelling and Characterization Techniques

3 Photovoltaic Modules and BoS Components
- T3.1 PV Module Design and Manufacturing
- T3.2 PV Module Durability and Reliability
- T3.3 PV Module Performance – Modelling, Testing, Standards
- T3.4 Power Converters and other Balance of System Components

4 PV Systems Engineering, Integrated/Applied PV
- T4.1 Solar Resource and Forecasting
- T4.2 Design, Engineering, and Installation of PV Systems
- T4.3 Operation, Performance, and Maintenance of PV Systems
- T4.4 PV and Buildings
- T4.5 Dual Use and other Innovative PV Applications
- T4.6 Digital PV, Power Electronics and Electrical Grid Interface

5 PV in the Energy Transition
- T5.1 Energy System Integration; Resilience and Security of Supply; Solar Fuels, Storage
- T5.2 Sustainability of PV
- T5.3 Scenarios for Renewables, Policy, Global Challenges
- T5.4 Costs, Economics, Finance and Markets
- T5.5 Societal Challenges; Citizens' Participation, Awareness