

# 4th International Integrated PV Workshop

"Designing Innovative Integrated PV Applications"

 **March 17-18, 2025**

 **Online, free of charge**



Register here: <https://www.solarbeglobal.com/4th-international-integrated-pv-workshop.html>

## Program | Monday 17 March, 2025

CEST Central European Time		CST Beijing Time			
<b>Session 1</b>		<b>Chairing by Kaining Ding, Thomas Reindl and Angèle Reinders</b>		<b>Opening session Technology meets design (9h-10h)</b>	
9:00	16:00	Angèle Reinders Eindhoven University of Technology, the Netherlands		Introduction to the IPV Workshop 2025	
9:05	16:05	Christophe Ballif CSEM&EPFL, Switzerland		Integrating PV in All Forms, Shapes, and Colors Everywhere: Opportunities and Risks	
9:35	16:35	Marjan van Aubel Studio Van Aubel, the Netherlands		Designing with PV	
<b>Session 2</b>		<b>Chairing by Kaining Ding</b>		<b>Vehicle Integrated PV (10h-11h)</b>	
10:00	17:00	Antonin Faes CSEM, Switzerland		Overview of VIPV Developments Based on Recent PV in Motion Conference	
10:20	17:20	Jan van Haaren, Peter Cats Solar Trens, the Netherlands		25 Years of Experience in Solar Electric- Powered Vehicles	
10:40	17:40	Evgenii Sovetkin Forschungszentrum Jülich, Germany		Challenges of PV Yield Modeling on the Global Scale: Vehicle- and Road-Integrated PV	
11:00	18:00	Break			
<b>Session 3</b>		<b>Chairing by Thomas Reindl</b>		<b>Colored PV (11:30h - 12:30h)</b>	
11:30	18:30	Kevin Verpaalen Kameleon Solar, the Netherlands		The Art of Solar – Making PV a More Accessible Medium for Architects and Designers	
11:50	18:50	Laura Mutari EURAC Research, Italy		PV Customization and Integrability: Advancing Decarbonization Goals	
12:10	19:10	Phoebe Pearce UNSW, Australia		Efficiency Limits of Multi-junction Coloured Photovoltaics	
12:30	19:30	Lunch / Dinner break			
<b>Session 4</b>		<b>Chairing by Kaining Ding</b>		<b>Product Integrated PV (13:30h - 14:30h)</b>	
13:30	20:30	Carmen Ruiz Herrero IM2NP, France		How Indoor PV Can Pave the Way for Autonomous LoT	
13:50	20:50	Alireza Hashemi University of British Columbia, Canada		Overview of Flexible-wearable Solar Cells for Self-powered Electronic Devices	
14:10	21:10	Monika Freunek Lighthouse, Canada		Product Integrated Photovoltaics – A Journey Through PV Technology	
<b>Session 5</b>		<b>Chairing by Angèle Reinders</b>		<b>Urban PV (14:30h - 15:30h)</b>	
14:30	21:30	Gabielle Lobaccaro NTNU, Norway		PV Integration in Cities: Urban Modelling Approaches	
14:50	21:50	Tom Minderhoud UNStudio, the Netherlands		PV Potential and Visibility in Heritage City Environment Using GIS and LiDAR	
15:10	22:10	Veronika Shabunko NAIT Applied Research, Canada		Global Market Trends of Urban Solar	
15:30	22:30	Adjourn of Day 1 of the 4th IPV Workshop 2025			

## Program | Tuesday 18 March, 2025

CEST Central European Time		CST Beijing Time			
<b>Session 6</b>		<b>Chairing by Kaining Ding</b>		<b>Building Integrated PV (9h-10h)</b>	
9:00	16:00	Paolo Corti SUPSI, Switzerland		BIPV Market Status and Dynamics	
9:20	16:20	Tjerk Reijenga BEAR-ID, China		BIPV Cases and Vision for Architectural Integration	
9:40	16:40	Chen Tianyi SERIS, Singapore		Research Perspective BIM for BIPV	
<b>Session 7</b>		<b>Chairing by Angèle Reinders</b>		<b>Floating PV (10h-11h)</b>	
10:00	17:00	Thomas Reindl SERIS, Singapore		Overview, Status, and Outlook of Floating PV	
10:20	17:20	Josefine Selj IFE, Norway		European Perspective and R&D Progress in Floating PV	
10:40	17:40	Harald Hammer DNV, Singapore		Industry Perspective: Floating PV in Reality	
11:00	18:00	Break			
<b>Session 8</b>		<b>Chairing by Thomas Reindl</b>		<b>Indoor PV (11:30h - 12:30h)</b>	
11:30	18:30	Marina Freitag Newcastle University, United Kingdom		Indoor DSSC PV for Internet of Things	
11:50	18:50	Thomas Brown Tor Vergata University of Rome, Italy		Design of Efficient Photovoltaics for Indoor Energy Harvesting: Perovskite Solar Cells as Case Study	
12:10	19:10	Henry Qian SingFilm Solar, Singapore		Industry Perspective on Indoor Perovskites PV for Price Tags	
12:30	19:30	Lunch / Dinner break			
<b>Session 9</b>		<b>Chairing by Angèle Reinders</b>		<b>Agrivoltaics (13:30h - 14:30h)</b>	
13:30	20:30	Alessandra Scognamiglio ENEA, Italy		Latest Development on Agrivoltaics: the Italian Landscape	
13:50	20:50	Nick de Vries Silicon Ranch Cooperation, USA		Solar Farming	
14:10	21:10	Alexis Pascaris National Renewable Energy Laboratory, USA		Social Aspects and Considerations for Agrivoltaics Implementation	
<b>Session 10</b>		<b>Chairing by Kaining Ding</b>		<b>Closing session (14:30h - 15:30h)</b>	
14:30	21:30	Heinz Ossenbrink ETA Florence, Italy		Communicating the Ecosystem of Advancing Building Integrated Photovoltaics	
14:50	21:50	Scott Longfellow Mudac, Switzerland		Solar Inclusive: Illuminating Sexy Paths Toward Inclusivity	
15:10	22:10	Angèle Reinders Eindhoven University of Technology, the Netherlands		Wrap-up of the 4th IPV Workshop	
15:30	22:30	Adjourn of Day 2 of the 4th IPV Workshop 2025			

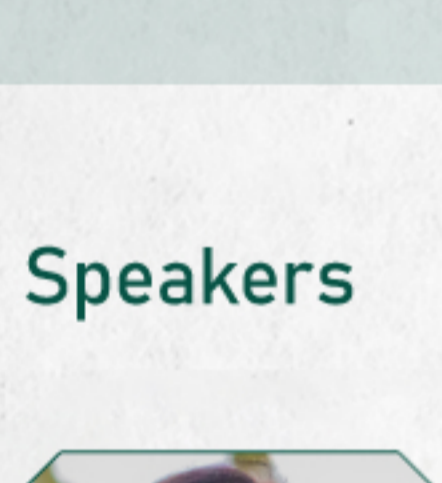
## Organizers



**Angèle Reinders**  
Professor  
Eindhoven University of  
Technology, the Netherlands



**Thomas Reindl**  
Deputy CEO  
SERIS, Singapore



**Kaining Ding**  
Head of Department "Silicon  
Heterojunction Solar Cells and Modules"  
Forschungszentrum Jülich, Germany



**Heyan Li**  
President & Founder  
Solarbe, China

## Speakers



**Angèle Reinders**  
Professor  
Eindhoven University of  
Technology, the Netherlands



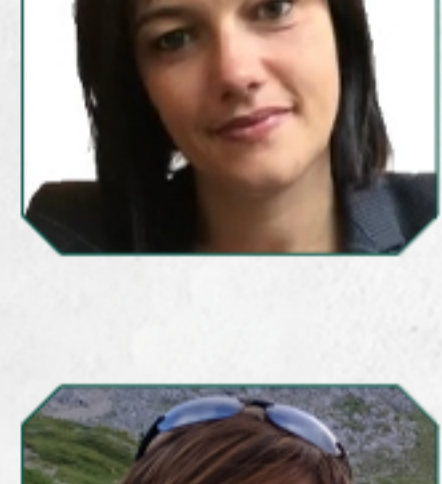
**Christophe Ballif**  
Professor  
CSEM&EPFL, Switzerland



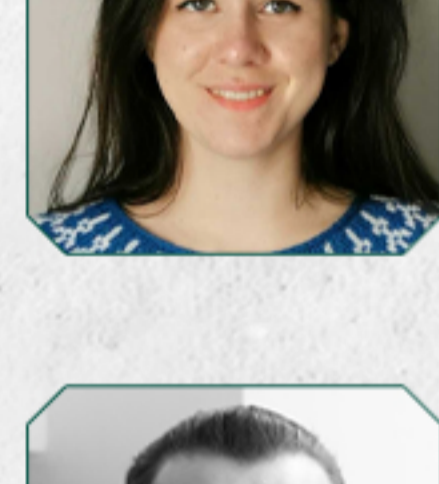
**Antonin Faes**  
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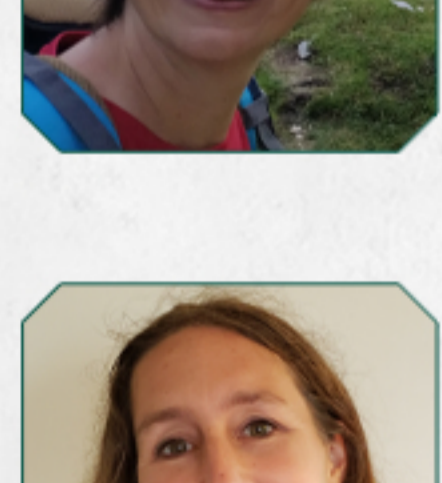
**Jan van Haaren**  
Founder and Director  
Solar Trens, the Netherlands



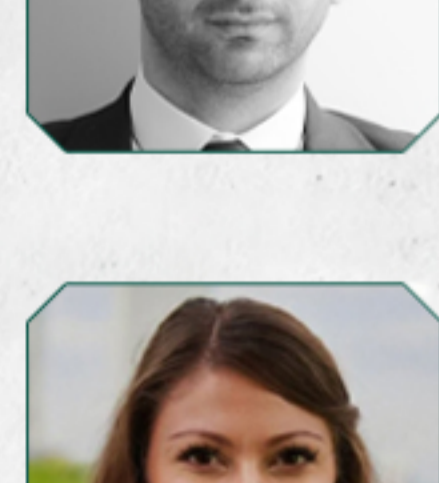
**Peter Cats**  
Founder and Operations  
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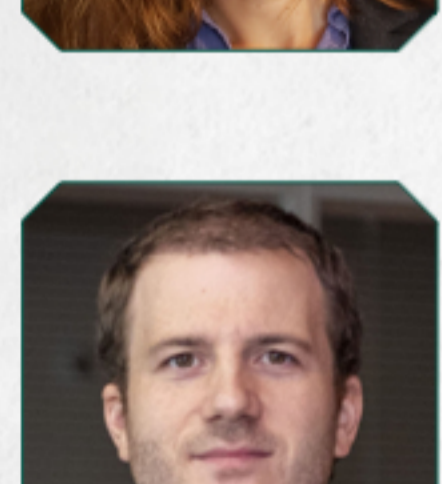
**Evgenii Sovetkin**  
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**Laura Mutari**  
IPV team leader  
EURAC Research, Italy



**Phoebe Pearce**  
Lecturer  
UNSW, Australia



**Carmen Ruiz Herrero**  
CNRS researcher  
IM2NP, France



**Alireza Hashemi**  
PhD Candidate  
University of British Columbia,  
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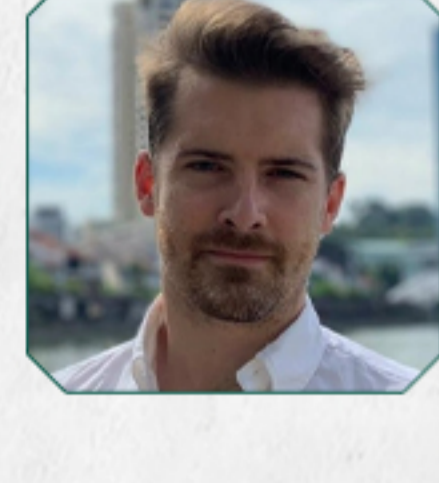
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Applied Research Chair at the Centre  
for Grid Innovation  
NAIT Applied Research, Canada



**Paolo Corti**  
Researcher  
SUPSI, Switzerland



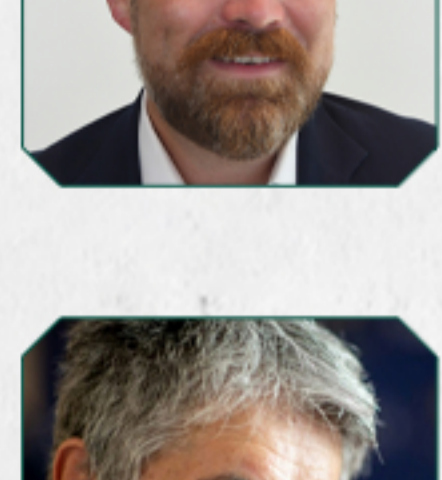
**Tjerk Reijenga**  
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BEAR-ID, China



**Chen Tianyi**  
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SERIS, Singapore



**Thomas Reindl**  
Deputy CEO  
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**Josefine Selj**  
Principal Scientist  
IFE, Norway



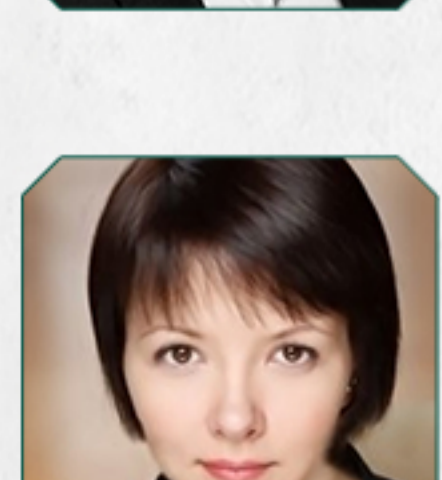
**Harald Hammer**  
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**Henry Qian**  
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SingFilm, Singapore



**Alessandra Scognamiglio**  
Senior researcher  
ENEA, Italy



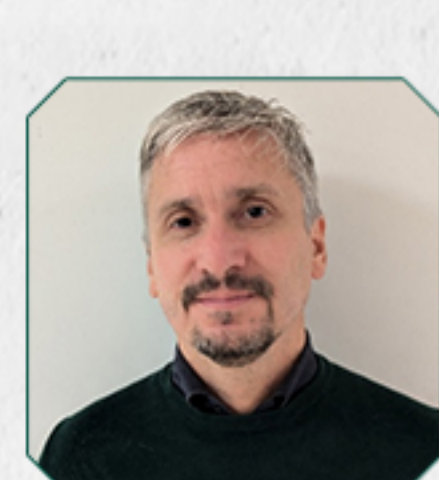
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**Scott Longfellow**  
Curator for contemporary design  
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**Tom Minderhoud**  
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**Kevin Verpaalen**  
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