

Welcome to

SAMSEC 2025 – Sustainable Advanced Materials for Solar Energy Conversion Workshop

Wednesday 16th-Friday 18th July, 2025



Welcome, and thank you for joining us!

We're pleased to welcome you to this year's SAMSEC at PDI in Berlin. This session is designed as a collaborative, engaging and confidential space to discuss unpublished and even controversial work.

Our goal is to create a relaxed environment where we can exchange ideas, discuss recent advances, and explore some of the nuanced physics that underpin organic photovoltaic devices.

We encourage open dialogue, questions, and knowledge sharing throughout the session – so feel free to contribute your perspectives as we dive in.

Thanks again for being here. Let's get started!

Workshop schedule	
Wednesday 16. July, 2025	
09:00	Admission
<i>Chair</i>	<i>Koen Vandewal</i>
09:30	Safa Shoaee
10:15	Alex Gillett
11:00	Break
<i>Chair</i>	<i>Manasi Pranav</i>
11:15	Larry Lüer
12:00	Anna Köhler
12:45	Lunch
13:30	Lunch
<i>Chair</i>	<i>Dieter Neher</i>
14:15	Ji-Seon Kim
15:00	Derya Baran
15:45	Klaus Meerholz
16:30	Break with Panel Discussion 1

Panel Discussion 1 – *Degradation*, Chair: Safa Shoaee

Panel members: Derya Baran, Klaus Meerholz, Morten Madsen, Carsten Deibel and Ji-Seon Kim.

Speakers:

Safa Shoaee - Paul-Drude-Institut für Festkörperelektronik, *Germany*

Alex Gillett - Linköping University, *Sweden*

Larry Lüer - Friedrich-Alexander-Universität, *Germany*

Anna Köhler - Universität Bayreuth, *Germany*

Ji-Seon Kim - Imperial College London, *UK*

Derya Baran - King Abdullah University of Science and Technology, *Saudi Arabia*

Klaus Meerholz - Universität zu Köln, *Germany*

Thursday 17. July, 2025	
09:00	Admission
<i>Chair</i>	<i>Jonathan Lian Langentepe-Kong</i>
09:30	Oskar Sandberg
10:15	Tracey Clarke
11:00	Break
<i>Chair</i>	<i>Tracey Clarke</i>
11:15	Clemens Göhler
12:00	Morten Madsen
12:45	Lunch
13:30	Lunch
<i>Chair</i>	<i>Drew Riley</i>
14:15	Samuele Giannini
15:00	Carsten Deibel
15:45	Break with Posters
17:30	Enjoy Berlin with Drinks

Speakers:

Oskar Sandberg - Abo Akademi University, *Finland*

Tracey Clarke - University College London, *UK*

Morten Madsen - Alsion 2, *Denmark*

Samuele Giannini - Università di Pisa, *Italy*

Carsten Deibel - Technische Universität Chemnitz, *Germany*

Friday 18. July, 2025	
09:00	Admission
<i>Chair</i>	<i>Oskar Sandberg</i>
09:30	Koen Vandewal
10:15	Frank Ortmann
11:00	Break
<i>Chair</i>	<i>Samuele Giannini</i>
11:15	Drew Riley
12:00	Thomas Kirchartz
12:45	Lunch
<i>Chair</i>	<i>Nurlan Tokmoldin</i>
13:30	James Durrant
14:15	Dieter Neher
15:00	Break with Panel Discussion 2
15:45	Panel Discussion 3
15:45	Closing

Panel Discussion 2 – *Efficiency Limits*, Chair: Oskar Sandberg
Panel members: Frank Ortmann, Alex Gillett and James Durrant.

Panel Discussion 3 – *OPV backup plan: What can we do with all of our wisdom if OPV fails or does not need help anymore?* Chair: Koen Vandewal
Panel members: Drew Riley, Larry Lüer and Thomas Kirchartz.

Speakers:

Koen Vandewal - Hasselt University, *Belgium*

Frank Ortmann - Technische Universität München, *Germany*

Drew Riley - Swansea University, *UK*

Thomas Kirchartz - Forschungszentrum Jülich, *Germany*

James Durrant - Imperial College London, *UK*

Dieter Neher - Universität Potsdam, *Germany*