



Designing with Photovoltaics

Seminar COST Action PEARL PV, CA16235, 5 July 2021

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Transilvania
University
of Braşov

UNIVERSITEIT
TWENTE.



❖ Before we will start, some practicalities

- ❖ Please keep your microphone muted if not presenting
- ❖ When **asking questions**, please use the chat window or wait until one of the chairs of the seminar will give you the stage to ask your question in person using your microphone
- ❖ **Speakers** will be kindly requested to be ready for their presentation 15 minutes before they will officially supposed to start (in Romanian time).
- ❖ The **schedule and the BBB weblink** are also available by the PEARL PV website <https://www.pearlpv-cost.eu/event/seminar-on-simulation-tools-and-models-for-the-analysis-of-pv-system-performance/>



≡ This week's programme



Seminar "Designing with Photovoltaics"

- Bogdan Burduhos
- Angèle Reinders

5 July '21



Training School "Simulation tools and models for the analysis of PV system performance"

- Nicola Pearsall
- Aleksandra Krstic-Furundzic
- Cedric Caruana

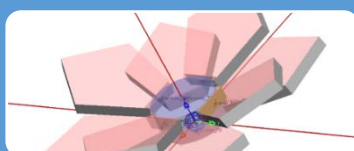
6 July '21



Training School "Simulation tools and models for the analysis of PV system performance"

- Nicola Pearsall
- Aleksandra Krstic-Furundzic
- Cedric Caruana

7 July '21



Training School "Simulation tools and models for the analysis of PV system performance"

- Nicola Pearsall
- Aleksandra Krstic-Furundzic
- Cedric Caruana

8 July '21



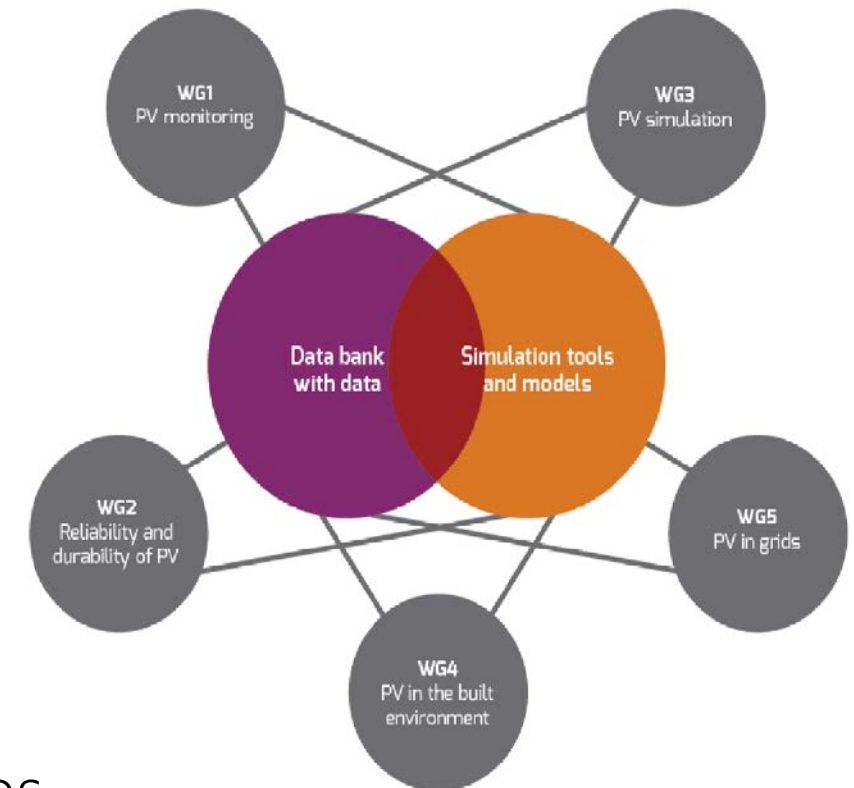
Training School "Simulation tools and models for the analysis of PV system performance"

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9 July '21

❖ COST Action PEARL PV

- ❖ Consortium of researchers which is focused on analyzing and improving the energy performance and reliability of photovoltaic (PV) solar energy systems installed in the field.
- ❖ PEARL PV was established in 2017, funded by the European Commission
- ❖ The project now involves more than 230 international researchers from Europe and other locations on the globe.
- ❖ 37 countries working together in 5 Working Groups



- PEARL PV Countries
- Other Countries
- COST Member Countries not in PEARL PV

Not shown: Australia and USA

22-24 Sept '21
Workshops ???

March '22
Conference
Netherlands

5-9 July '21
Seminar
Training School

8 Sept '21
EU PVSEC
Lisbon

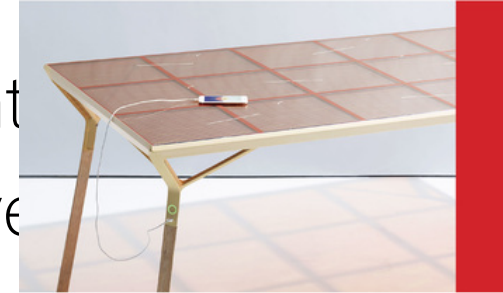
Seminar “Designing with Photovoltaics”

Time	Speaker / activity	Title
9:00 – 9:30	Opening session - Angèle Reinders – Chair of COST Action PEARL PV – University of Twente and TU/e – The Netherlands - Bogdan-Gabriel Burduhos – organizer – Transilvania University of Braşov – Romania - Mihai Lates – DPM faculty vice-dean – UniTBv, Romania - Anca Duţă – coordinator of RESREC research center – UniTBv, Romania	
9:30-10:15	Moritz Kitshhoff and Mathieu Baudrit – Sono Motors – Germany	Challenges of solar Integration on BEV
10:15-11:00	Francesco Frontini – SUPSI – Switzerland	BIPV Status Report in Europe: lessons learned from nearly 40 years of projects
11:00-11:30	Break	Coffee / tea
11:30-12:00	Neel Patel – Forschungszentrum Jülich – Germany	VIPV modelling method for dynamic scenarios
12:00-12:30	Angèle Reinders – University of Twente and Eindhoven University of Technology – Netherlands	Designing with photovoltaics
12:30-14:00	Lunch	
14:00-14:45	Marjan van Aubel – Studio Van Aubel – The Netherlands	Solar design in every day environments
14:45-15:15	Bonna Newman – TNO – The Netherlands	From squares to racing stripes: Designing PV for vehicles
15:15-15:45	Break	Refreshments
15:45-16:30	Tom Minderhoud – UNStudio – The Netherlands	The future evolution of PV in architectural design
16:30-17:15	Pauline van Dongen – Studio Van Dongen – The Netherlands	Soft and embodied solar design: a practice-based perspective on weaving solar energy into everyday life

❖ Designing with Photovoltaics

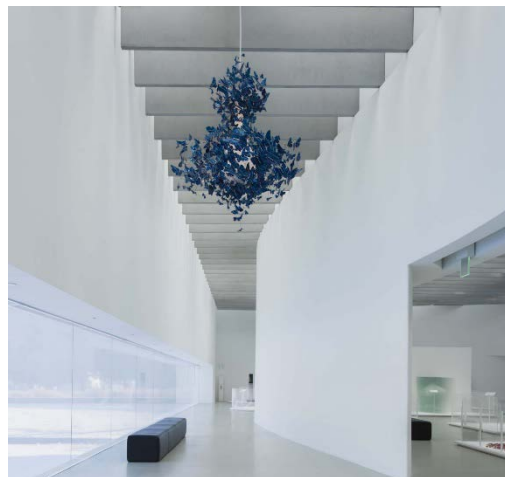
- ❖ Good performance, low costs > enhancement of applications
- ❖ Beyond systems: integration in products, buildings and vehicles
- ❖ Sustainable design > autonomy < experiencing ubiquitous
- ❖ How to design? How to realize? How to connect to people?

Designing with
Photovoltaics

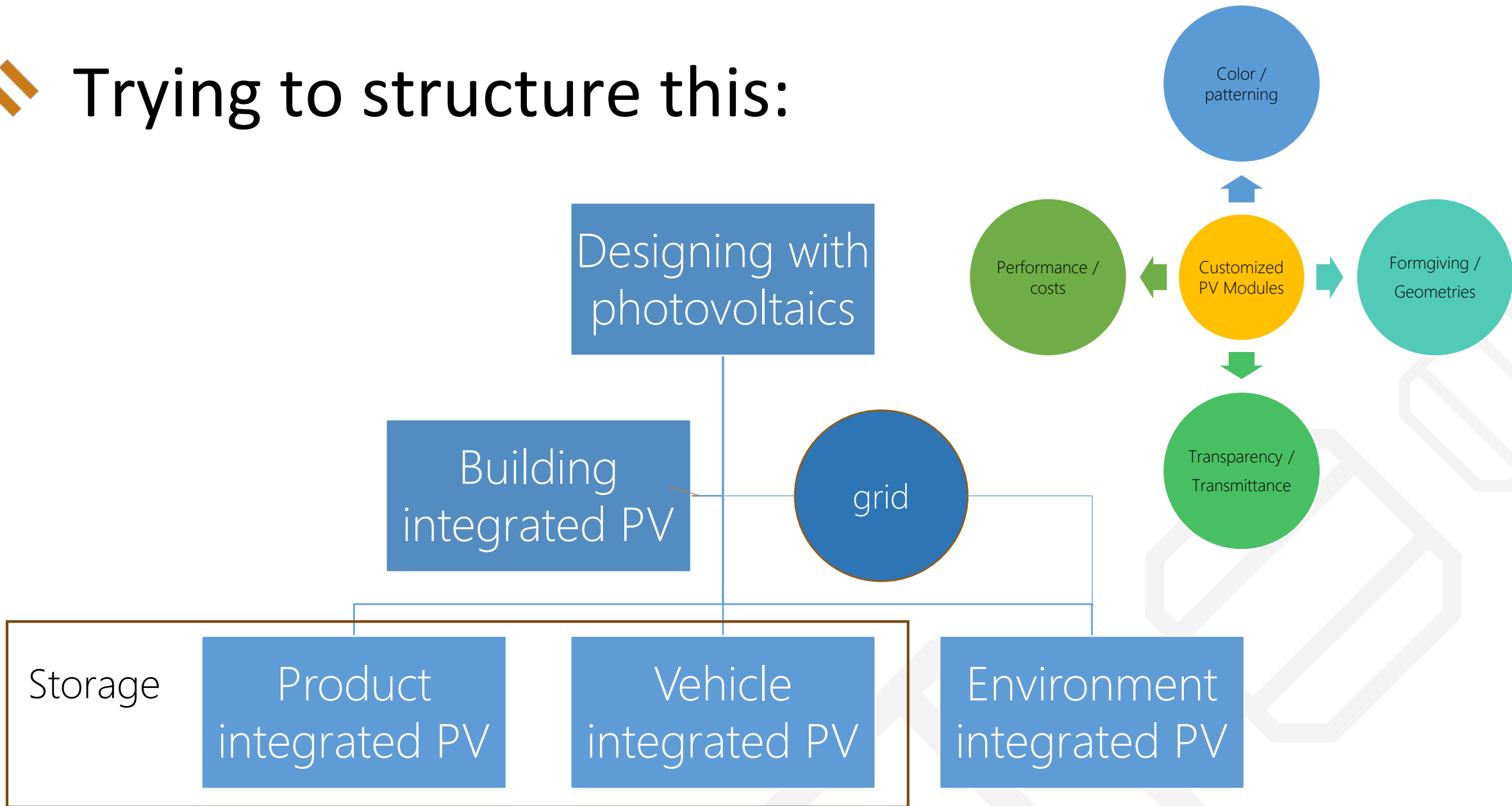


Edited by
Angèle Reinders

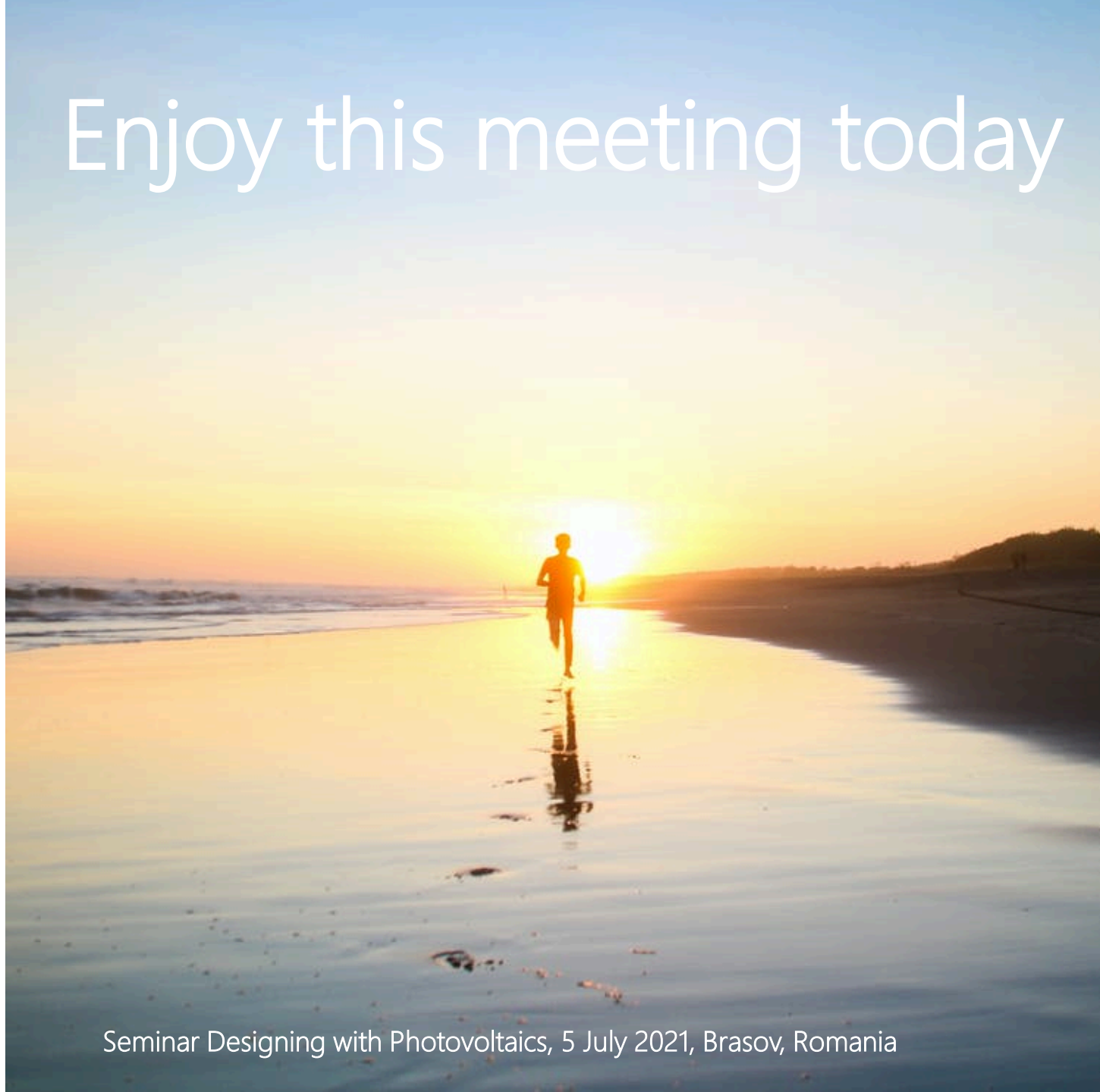
CRC Press
Taylor & Francis Group



Trying to structure this:



Enjoy this meeting today



Today's schedule of presentations

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