

## COST Action PEARL PV WG4 Workshop: Photovoltaic Systems in the Built Environment

19th January 2022, 12:00-16:00 (CET)

Time	Item/Title	Presenter
12:00	Introduction of WG4 and opening of the workshop	Bogdan-Gabriel Burduhos (Transilvania Univ. of Braşov, RO)
12:10	Urban solar potential assessment for onboard solar in electric vehicles	David Pera (University of Lisbon, PT)
12:30	Innovative microgrid control based on 1s-resolution PV information	Radu Plămănescu (Politehnica University of Bucharest, RO)
12:50	Outdoor performance analysis of five photovoltaic modules of different technologies in Palaiseau, France	Moira I. Torres Aguilar (École Polytechnique, FR)
13:10	Solar tracking systems for strings of photovoltaic modules	Macedon-Dumitru Moldovan (Transilvania Univ. of Braşov, RO)
13:30	Solar energy in Nordic built environments: Opportunities, challenges and barriers	Gabriele Lobacarro (Norwegian University of Science and Technology, NO)
-----Break-----		
14:10	Application of thin-film Cu(In,Ga)Se <sub>2</sub> modules in PV roads. Feasibility testing and pilot production within Rolling Solar	Aldo Kingma (TNO Innovation for Life, NL)
14:30	Estimating clear-sky PV electricity production without exogenous data	Stefani Peratikou (Cyprus University of Technology, CY)
14:50	Electricity-powered charging stations with renewable energy	Filip Cârlea (Center for the Promotion of Renewable Energy and Energy Efficiency, RO)
15:10	Effect of the environment on the PV performance	João-Gabriel Bessa (University of Jaén, ES)
15:30	TBC	Robert Blaga (West University of Timisoara, RO)
15:50	Summary and closing	Bogdan-Gabriel Burduhos (Transilvania Univ. of Braşov, RO)