



MatHero Standardisation and Industrialisation Workshop



26th - 27th May 2016

University of Barcelona
Faculty of Physics
Av. Diagonal, 647



Info and registration

www.mathero.eu/workshop
workshop@mathero.eu



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Objectives

The **MatHero** project consortium organises two workshops focusing on Organic Photovoltaic Standardisation and Industrial application. During the **Standardisation Workshop** critical aspects related to PV regulation & standardisation will be addressed upstream through the OPV prism, identifying the routes to define future standards. Experienced researchers will be invited highlighting aging protocols, gas barrier measurements, encapsulation assessments, and standardisation processes. During the **Industrialisation Workshop**, Key Exploitable Results of MatHero and representatives from different industrial sectors covering all OPV value chain will discuss about the possibilities of industrialisation of OPV materials and products.

Agenda

26th of May - MatHero Standardisation Workshop

15:45 to 16:00 Arrival & registration at Eduard Fontseré Room

16:00 to 16:30 “**MatHero project, overview**”, Stéphane Cros, PhD, Research Engineer, Laboratory for Organic Photovoltaic Modules, *CEA-INES*

16:30 to 17:00 “**Standardisation and certification of Photovoltaics at IEC**”, Martijn Geertzen, International Standardisation Officer, *NEN*

17:00 to 17:45 **Coffee Break & Poster Session**

17:45 to 18:15 Manuel Hidalgo, Senior Research Scientist, Arkema

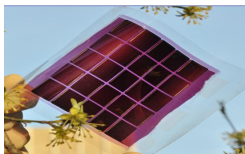
18:15 to 18:45 “**Solar cells for indoor/low light applications - opportunities and challenges towards a standard measurement protocol**”, Birger Zimmermann, Head of Production Technology for Organic Solar Cells, Fraunhofer ISE

18:45 to 19:15 “**Discussions & Conclusions**”

Agenda

27th of May - MatHero Industrialisation Workshop

- 8:30 to 9:00 Arrival & registration at Enric Casassas Room
- 9:00 to 9:15 **“Solar Cells go Green. MatHero – an introduction”**, Dr. Alexander Colsmann, OPV Group Leader, Karlsruhe Institute of Technology
- 9:15 to 9:45 **“PV technology and market status – The challenges for OPV market uptake and lessons learnt from the Cheetah project”**, Ioannis -Thomas Theologitis, Senior Advisor, SolarPower Europe
- 9:45 to 10:00 Christos Chochos, Research Scientist, Advent Technologies
- 10:00 to 10:30 **“The Next Great Leap Forward in Power Technology - To be powered by OPV”**, Phoebe Tan, VP Business Development, Raynergytek
- 10:30 to 10:45 **“OPV green inks: an overview”**, Lorenzo Bautista PhD, Principal Researcher – R&D Advanced Materials, LEITAT
- 10:45 to 11:15 **“Our inks as industrial breakthrough”**, Emmanuelle Pietri, Production & QHSE Manager, Genes’Ink
- 11:15 to 11:45 Coffee Break**
- 11:45 to 12:00 **“Eco-friendly layer deposition for organic solar cells”**, Christian Sprau, OPV Scientific Assitant, Karlsruhe Institute of Technology
- 12:00 to 12:30 Speaker to be confirmed, Heraeus
- 12:30 to 12:45 **“Printable thin film encapsulation for organic photovoltaics protection”**, Stephane Cross PhD, Research Engineer, Laboratory for Organic Photovoltaic Modules, *CEA-INES*
- 12:45 to 13:15 **“Industrial application of Atomic Layer Deposited Ultrabarriers for OLED”**, Jacques Kools PhD, CEO & Founder, Encapsulix
- 13:15 to 14:45 Lunch & Poster Session**
- 14:45 to 15:00 **“Solution Processed OPV – From Development to Commercial Opportunities”**, Jurjen Winkel, Principal Scientist, EIGHT19.
- 15:00 to 15:30 Teodosio del Caño, Technical Director, Onyx Solar
- 15:30 to 15:45 Discussion & Conclusions
- 15:45 to 16:00 Closing Session



Participation

We welcome:

- OPV academic and technical experts.
- OPV standardization experts and representative of PV standardization committees.
- PV industry representatives.
- Representatives of the European Photovoltaic Technology Platform.
- Partners of EU-funded projects active in PV.
- PV national representatives from the Member States.
- Any OPV stakeholders.



Contact

For more information about the event and registration, contact our organisation team: workshop@mathero.eu or visit www.mathero.eu/workshop

(Seats are limited)

