

Workshop on lifetime and stability of hybrid and organic devices 21-22 april 2016 Paris, France

Thursday, April 21, 2016

| Time | Event |
|-------------------|---|
| 2:00 pm - 2:05 pm | Welcome from UPMC Bertrand Meyer, Vice President Research and Innovation (Conference room Tower 44 1rst floor corridor 44-45) |
| 2:05 pm - 2:15 pm | Introduction to THINFACE project by Morten Madsen (Conference room Tower 44 1rst floor corridor 44-45) |
| 2:15 pm - 4:15 pm | Organic devices (Conference room Tower 44 1rst floor corridor 44-45) |
| 14:15 - 15:15 | › Reliability of emerging PV technologies: identifying degradation mechanisms in a plethora of device architectures - Tom Aernouts, IMEC |
| 15:15 - 16:15 | › Photostability and photodegradation mechanisms in organic semiconducting BHJ composites - Christoph Brabec, Materials for Electronics and Energy Technology, University of Erlangen |
| 4:15 pm - 4:45 pm | Coffee break (Coffee room Tower 44 1rst floor corridor 44-45) |
| 4:45 pm - 6:30 pm | Organic devices (Conference room Tower 44 1rst floor corridor 44-45) |
| 16:45 - 17:15 | › Efficiency and Lifetime of Small-Molecules OPV from Lab to Fab - Benedikt Gburek, Heliatek GmbH |
| 17:15 - 17:45 | › Stabilizing Organic Solar Cells by Ternary Blending Active Layers with Additives - Vida Engmann, University of Southern Denmark |
| 17:45 - 18:15 | › Degradation Mechanisms in Organic Solar Cells: The Role of Interfaces - Sylvain Chambon, Laboratoire de l'Intégration du Matériau au Système |
| 6:30 pm - 8:30 pm | Cocktail (Reception hall Tour Zamansky 24th floor) |

Friday, April 22, 2016

| Time | Event |
|---------------------|---|
| 9:00 am - 10:30 am | Hybrid perovskite devices (Conference room Tower 44 1rst floor corridor 44-45) |
| 09:00 - 09:45 | › Large area Perovskite Solar Cells: Fabrication and Stability - Aldo Di Carlo, Dept. Electronic Engineering, Univ. Rome Tor Vergata, Centre for Hybrid and Organic Solar Cells, University of Rome |
| 09:45 - 10:30 | › Unbalanced Charge Distribution Inside a Perovskite-Sensitized Solar Cell in Real Space - Rüdiger Berger, Max Planck Institute for Polymer Reserach |
| 10:30 am - 11:00 am | Coffee break (Coffee room Tower 44 1rst floor corridor 44-45) |
| 11:00 am - 12:30 pm | Hybrid perovskite devices (Conference room Tower 44 1rst floor corridor 44-45) |

| Time | Event |
|--------------------|---|
| 11:00 - 11:30 | › Rational designing of materials for high performance and stable perovskite solar cells - <i>Shahzada Ahmad, Abengoa Research, Abengoa</i> |
| 11:30 - 12:00 | › Carrier processes and photostability in perovskites materials and solar cells - <i>Jacky Even, Fonctions Optiques pour les Technologies de l'information</i> |
| 12:00 - 12:30 | › How Photoelectron Spectroscopy can be used to investigate organic-inorganic perovskites? Chemical, Electronic Structure Characterization and Stability Behavior - <i>Bertrand Philippe, Department of Physics and Astronomy [Uppsala]</i> |
| 12:30 pm - 2:00 pm | Lunch |
| 2:00 pm - 3:00 pm | Poster session (Coffee room Tower 44 1rst floor corridor 44-45) |
| 14:00 - 15:00 | › Chasing Charge Transfer States in DBP:C70 Organic solar Cells - <i>Golnaz Sherafatipour, NanoSYD, Mads Clausen Institute, University of Southern Denmark, Alsion 2, DK-6400 Sønderborg, Denmark</i> |
| 14:00 - 15:00 | › Customised photo-rig for the simultaneous measurement of multiple photobleaching photovoltaic materials - <i>Emily Speller, swansea university</i> |
| 14:00 - 15:00 | › DBP Organic Small Molecule as Hole Transport Layer in Perovskite based Photovoltaics - <i>Mehrad Ahmadpour, University of Southern Denmark</i> |
| 14:00 - 15:00 | › Effect of mixed organic cation composition on efficiency and stability of perovskite solar cells - <i>Samrana Kazim, Abengoa Research</i> |
| 14:00 - 15:00 | › Hydrophobic doping of hole transporting material to increase the long-time stability of perovskite solar cells - <i>Laura Calio', Abengoa Research</i> |
| 14:00 - 15:00 | › Light Degradation of Planar Perovskite Solar Cells - <i>Joao Bastos, KULeuven, IMEC</i> |
| 14:00 - 15:00 | › Low Temperature Reactivity of LuPc2 Thin Films Towards Oxygen - <i>Mattia Farronato, Université Pierre et Marie Curie - Paris 6</i> |
| 14:00 - 15:00 | › STUDY OF THE INTERACTION OF WATER ON POROUS SILICON BY ENVIRONMENTAL SEM - <i>Chloé Rodriguez, Universidad Autonoma de Madrid</i> |
| 3:00 pm - 4:00 pm | Organic devices (Conference room Tower 44 1rst floor corridor 44-45) |
| 15:00 - 16:00 | › A General Overview of the Structure of and Results from the European ITN "Ensuring stability in organic solar cells" (ESTABLIS) Project - <i>Roger Hiorns, Institut des sciences analytiques et de physico-chimie pour l'environnement et les matériaux</i> |
| 4:00 pm - 4:15 pm | Concluding remarks (Conference room Tower 44 1rst floor corridor 44-45) |
| 4:15 pm - 4:45 pm | Coffee |