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StableNextSol COST Action no. MP1307

Stable Next Generation Photovoltaics: Unravelling Degradation Mechanisms of Organic and Perovskite Solar Cells by Complementary Characterization Techniques.

Industry Day – “Printed Electronics and Solar Cells”

Venue: Congress Center of Instituto Superior Técnico (IST) in Lisbon, Portugal.

April 7, 2017. Meeting Room: Auditorium

Friday	April 7 th , 2017	Industry Day
8:30 - 12:00	Registration	
9:30 - 9:45	Welcome by Prof. Carlos Salema (President of IT), Dr. Yulia Galagan (Core member of the StableNextSol COST action), Dr. Ana Charas (Senior researcher at IT)	
9:45 - 10:10	Chair: Dr. Toni Muller	
10:10 - 10:35	Brite Solar, Greece - Dr. Elias Stathatos , “Transparent solar glass panes using inkjet printing technology”	
10:35 - 11:00	Dyename, Sweden - Dr. Erik Gabrielsson , “Dyename AB - our way of commercializing chemistry-based solar technologies”	
11:00 - 11:00 Coffee Break and Poster Session		
Chair: Prof. Jorge Morgado		
11:00 - 11:25	VTT TRC, Finland - Dr. Palvi Apilo , “Roll-to-roll printing of decorative arbitrary shaped photovoltaic modules and systems”	
11:25 - 11:50	CICECO, Portugal - Dr. Helena Alves , “Carbon Based Crystalline Photonic Devices”	
11:50 - 12:00	Dr. Eva Unger, “The HySPRINT Helmholtz Innovation Lab at Helmholtz-Center Berlin”	
12:00 - 12:10	Dr. Manuel Mendes, “Optimal Light-capturing with Wave-Optical Traps on Silicon and Perovskite Thin-film Solar Cells”	
12:10 - 12:20	Dr. Denys Shevchenko, “Mass Spectrometry Analysis of Third Generation Solar Cells”	
12:20 - 12:30	Prof. Ángela Sastre-Santos, “Perylenediimides-Thiophene Systems as Nonfullerene Acceptors in Bulk Heterojunction Solar Cells”	
12:30 - 12:35	FLUXIM, Switzerland - Dr. Simon Züfle , “R&D tools for OLED, OPV and perovskite solar cells”	
12:35 - 12:40	CSInstruments, France - Dr. Louis Pacheco , “Novel Electrical Characterisation by AFM”	
12:40 - 14:10 Lunch and Poster Session		
Chair: Prof. Elias Stathatos		
14:10 - 14:35	FOM Technologies, Denmark - Dr. Torben Nielsen (CEO) , “FOM Technologies - perspectives on upscaling coating and printing and demonstration of thin film technologies.”	
14:35 - 15:00	Heliatek, Germany - Dr. Toni Muller , “Solar Films from Lab to Fab to Field”	
15:00 - 15:25	Univ. Algarve and IT, Portugal - Prof. Henrique Gomes , “Electrical characterization of organic printed circuits and bioelectronic transducers”	
15:25 - 15:50	Cicci Research, Italy - Dr. Lucio Ciná (CEO) , “Degradation mechanisms in Perovskite based device: correlation between steady-state and dynamic measurements”	
15:50 - 16:15	European Commission DG JRC, Italy - Dr. Giorgio Bardizza , “IEC standards applied to the measurements of emerging PV devices: highlighting issues and criticalities”	
16:15 - 16:40 Coffee Break and Poster Session		
Chair: Prof. Maria Omastova		
16:40 - 17:05	Merck, Germany - Dr. Julian Burschka , “Commercial viability and technology readiness of perovskite solar cells – A status snapshot”	
17:05 - 17:15	Dr. Mateja Hočevar, “Photochromic glazing based on sol-gel materials”.	
17:15 - 17:25	Dr. Gustavo de Miguel, “Solventless mechanochemical synthesis of 3-, 2- and 1-dimensional hybrid perovskites”	
17:25 - 17:35	Dr. Gabriel Bernardo, “ Probing the nano-morphology of bulk-heterojunctions using neutrons”	
17:35 - 17:45	Dr. Eva M. Garcia-Frutos, “A new small molecule for organic electronics: 7,7'-diazaisoindigo”	
17:45 - 17:55	Dr. Francesca De Rossi, “Degradation of perovskite solar cells based on a triple all-printable mesoporous stack”	
17:55 - 18:00	Closure and Final remarks	

