



Agenda

5th MC Meeting, 4th WG Meeting StableNextSol COST Action no. MP1307

Action Title: Stable Next-Generation Photovoltaics: Unraveling Degradation Mechanisms of Organic and Perovskite Solar Cells by Complementary Characterization Techniques (StableNextSol)

Venue: Lindner Hotel Gallery Central, Bratislava, Slovakia, from 21st to 22nd April 2016.

Meeting Room: Antwerpen, 3 floor

1. Welcome to participants
2. Adoption of agenda
3. Approval of minutes and matters arising of last meeting
4. Update from the Action Chair
 - a. Status of Action, including participating countries
 - b. Action budget status
 - c. STSM status and new applications
5. Promotion of gender balance and of Early Stage Researchers (ESR)
6. Update from the Grant Holder
7. Update from the COST Association
8. Follow-up of MoU objectives
 - a. Progress report of working groups
9. Scientific planning
 - a. Scientific strategy
 - b. Action Budget Planning
 - c. Long-term planning (including anticipated locations and dates of future activities)
 - d. Dissemination planning (Publications and outreach activities)
10. Requests for new members
11. Non-COST applications to the Actions
12. AOB
13. Location and date of next meeting
14. Summary of MC decisions
15. Closing





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Thursday		April 21 st , 2016	MC/WG Meeting
<i>Afternoon Session</i>		Science and Technology I: STSMs	
14:00 - 14:10	Registration		
14:10 - 14:20	Welcome to participants: Prof. Monica Lira-Cantu		
14:20 - 14:30	Welcome to Bratislava: Prof. Maria Omastová		
14:30 - 14:40	Update from the Action Chair - Status of the Action, web page, new members, etc.		
14:40 - 14:50	Summary of the 2 nd year of the Action, new Budget, new Work & Budget Plan		
14:50 - 15:00	STSMs Part I: Dr. Koen Vandewal		
15:00 - 15:10	Mr. Taylan Turan - Optical properties, environmental effects and the degradation of A-p-A oligomers		
15:10 - 15:20	Ms. Hela Sasson - Novel ITO passivation for improved ITO photostability		
15:20 - 15:30	Mr. Riccardo Borgani - Intermodulation Electrostatic Force Microscopy for the study of surface photo voltage and its degradation		
15:30 - 15:40	Dr. Vilko Mandic - The electric compatibility of TCO and CT layers in DSSC and OPV solar cells		
15:40 - 15:50	Dr. Simon Boehme - Pinpointing efficiency bottlenecks in perovskite thin-film solar cells		
15:50 - 16:00	Mr. Yunus Yavuz - Fabrication and Characterization of organic solar cells with several types of phthalocyanines		
16:00 - 16:30	Coffee Break		
16:30 - 16:40	Dr. Pavel Troshin - Revealing the influence of the radical and non-radical photodegradation pathways of the fullerene derivatives		
16:40 - 16:50	Mr. Simon Zuefle - Concentrated sunlight for accelerated testing of organic solar cells		
16:50 - 17:00	Mr. Xingyuan Shi - Combined spectroscopic and electrical probes of degradation mechanisms in high hole mobility OSCs		
17:00 - 17:05	Closing STSMs Part I - Dr. Koen Vandewal		
17:05 - 17:10	Closing of the day – Prof. Monica Lira-Cantu		
17:10 - 17:20	Break		
19:00	Dinner		





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Friday	April 22 nd , 2016	MC/WG Meeting
<i>Morning Session</i>		<i>Science and Technology II: STSMs</i>
9:00 - 9:15	STSMs Part II: Dr. Koen Vandewal	
9:15 - 9:25	Mr. Azat Akbulatov - Outdoor stability of hybrid perovskite solar cells based on methylammonium lead halides	
9:25 - 9:35	Dr. Eva Unger - Thermal Admittance Spectroscopy to Characterize Age-induced Trap Formation in Organo-Metal-Halides	
9:35 - 9:45	Dr. Philippe Leclere - Local Probing of the Photo-Carrier Lifetime by Kelvin Probe Force Microscopy and (Photo) Conductive Atomic Force Microscopy on Hybrid Solar Cells	
9:45 - 9:55	Ms. Michelle Vezie - Presented by Mr. X. Shi - Probing the energetics of charge separation	
9:55 - 10:00	Closing STSMs – Dr. Koen Vandewal	
10:00 - 10:30	Coffee Break	
<i>Science and Technology: Experimental</i>		
10:30 - 10:45	Review Working Group 1: Dr. Nieves Espinosa	
10:45 - 11:00	Experiments: Experiment 1: Dr. Harald Hoppe	
11:00 - 11:15	Experiment 3: Dr. Sjoerd Veenstra	
11:15 - 11:30	Experiment 4: Dr. Yulia Galagan	
11:30 - 11:45	Experiment 6 on Perovskites: Dr. Francesca Brunetti	
11:45 - 12:00	Wrap up Experimental Part and Q&A	
12:00 - 12:10	Future Meetings: Prof. Emmanuel Kymakis – Presenting Dr. Costas Petridis - (Heraklion, Crete, Greece) October 20-21 2016.	
12:10 - 12:20	Future Meetings: Dr. Ana M^a Matos (Lisbon, Portugal), April 6-7, 2017.	
12:20 - 12:30	Closing COST Meeting: See you in our Next Meeting in Greece, October 20-21, 2016	
12:30 - 14:00	END	

