



Agenda

4th MC Meeting, 3rd WG Meeting StableNextSol COST Action no. MP1307

Action Title: Stable Next-Generation Photovoltaics: Unraveling degradation mechanisms of Organic Solar Cells by complementary characterization techniques (StableNextSol)

Venue: Vilnius University, Vilnius, Lithuania, from 19th to 20th October 2015.

Meeting Room: Senate Hall, Universiteto str. 3

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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Monday		October 19th, 2015	MC Meeting
<i>Morning Session</i> COST Action Update <i>Chair: Monica Lira-Cantu</i>			
9:00 - 9:30	Registration		
9:30 - 9:35	Welcome to participants Prof. Monica Lira-Cantu Welcome to Vilnius: Prof. Vaidotas Kažukauskas		
9:35 - 9:40	Update from the Action Chair		
9:40 - 9:50	Status of Action, including participating countries, web page, comments, midterm project report		
9:50 - 9:55	Action budget status		
9:55 - 10:00	Follow-up of MoU objectives		
10:00 - 10:45	Coffee Break (5 min walking distance)		
10:45 - 11:10	STSMs Update: Koen Vandewal		
11:10 - 11:20	Emily Speller: OPV Stability Studies		
11:20 - 11:30	Alina Chanaewa: Understanding the role of traps in hybrid photovoltaic devices using impedance spectroscopy and modelling		
11:30 - 11:40	Beatriz Romero: STANDIS (Stability of TANDem solar cells by Impedance Spectroscopy).		
11:40 - 11:50	Elizabeth von Hauff: Evaluation of OPV devices under degradation using time- and frequency-resolved methods and modelling		
11:50 - 12:00	Gonzalo del Pozo: Degradation of PTB7:PC70BM solar cells characterized by Impedance Spectroscopy		
12:00 - 12:10	Ivan Ramirez: Investigation of the Stability of Low-Donor Organic Solar Cells		
12:10 - 12:20	Monica Lira-Cantu: Analysis of metal oxides as transport layers for solution processable perovskite solar cells		
12:20 - 12:30	Closing MC Meeting		
12:30 - 14:00	LUNCH at the University Cafe		





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Afternoon Session

Science and Technology I: Invited Talks

14:00 - 14:10	StableNextSol COST Members - Speakers.
14:10 - 14:25	Jan Cermak , Scanning Probe Approach for Photovoltaics
14:25 - 14:40	Viktorya Aviyente , Modeling donor materials in organic photovoltaic cells
14.40 - 14:55	Davor Gracin , Structural properties of TiO ₂ nanotubes on TCO by grazing incidence small/wide angle x-ray scattering
14:55 - 15:10	Elias Stathatos , Advanced materials and devices for third generation photovoltaics
15:10 - 15:25	Brian Azzopardi , Organic Solar Cells Electricity: Will it be the preferred low-cost form of solar electricity?
15:25 - 15:40	Elizabeth von Hauff , Frequency resolved opto-electronic spectroscopy to understand solar cell stability
15:40 - 15:50	Dan Sporea , Testing materials and devices under ionizing radiation for terrestrial applications and space missions
15:50 – 15:55	Alexander Fedotov , Presentation of the Energy Physics group at Belarusian State University
15:55 - 16:00	Questions & Answers
16:00 - 16:45	Coffee Break (5 min walking distance)
16:45 - 17:05	Summary of Past COST meetings: E-MRS by Dr. Harald Hoppe, Dr. Elizabeth von Hauff ESOS Training School by Dr. Monica Lira-Cantu
17:05 - 17:20	Next COST Conference: Dr. Maria Omastova (Bratislava) "New trends in solar cells" Bratislava, 2016. (http://solarcells.sav.sk/)
17:20 -17:30	Future Pending Meeting approvals/confirmation (Greece, Sweden) Issues: WG1 and new WG on Perovskites Last Remarks and Closing of the day

19:00	Dinner at Restaurant "Gabi" Sv. Mykolo str., 6 (map at the end) www.restoranasgabi.lt
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Tuesday		October 20 th , 2015	WG Meeting
<i>Morning Session</i>		<i>Science and Technology II: Experimental</i>	
9:00 - 9:30	Registration		
9:30 - 10:00	Experiments: Experiment 1: Dr. Harald Hoppe		
10:00 - 10:45	Coffee Break (5 min walking distance)		
10:45 - 11:00	Experiments Continuation		
11:00 - 11:25	Experiment 3: Dr. Sjoerd Veenstra		
11:25 - 11:50	Experiment 4: Dr. Yulia Galagan		
11:50 - 12:00	Experiment 6 on Perovskites: Dr. Francesca Brunetti		
12:10 - 12:15	Wrap up Experimental Part and Q&A		
12:15 - 12:30	Closing COST Meeting: Next meeting Bratislava, 2016		
12:30	END		



Dinner at Restaurant "Gabi"

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