



## Agenda

**Subject :** 3<sup>rd</sup> MC Meeting, 2<sup>nd</sup> WG Meeting, 2<sup>nd</sup> Conference of COST Action no. MP1307

**Conference Name:** E-MRS symposium E: Materials Design and Processing Concepts for Efficient and Stable Organic, Hybrid, Perovskite and Dye Solar Cells.

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

**Lille (France), from 11<sup>th</sup> to 12<sup>th</sup> May 2015.**

**Venue: Congress Center (Grand Palais)**

1 Boulevard des Cités-Unies  
F-59777 EURALILLE, Lille (France)

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



## StableNextSol COST Action no. MP1307

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

3<sup>rd</sup> MC Meeting, 2<sup>nd</sup> WG Meeting and 2<sup>nd</sup> Conference: E-MRS symposium E.

Venue: Lille, France from 11<sup>th</sup> to 12<sup>th</sup> May 2015.

Meeting Room: Amphitheatre Eurotop

Monday May 11th, 2015		MC Meeting
<i>Morning Session</i>	<b><i>COST Action Update</i></b>	<b><i>Chair: Monica Lira-Cantu</i></b>
8:30 - 9:00	Registration	
9:00 - 9:05	Welcome to participants	
9:05 - 9:15	Update from the Action Chair	
9:15 - 9:30	Status of Action, including participating countries, web page, issues, comments, new Vademecum	
9:30 - 9:45	Action budget status	
9:45 - 10:00	STSM status (new leader) and new applications - evaluators	
10:00 - 10:30	Coffee Break	
10:30 - 10:35	Follow-up of MoU objectives	
10:35 - 10:40	Scientific planning / Scientific strategy	
10:40 - 10:45	Action Budget Planning - Activities Budget	
10:45 - 10:50	Future Activities until 2018 (dates below are tentative)	
10:50 - 10:55	1. ISOS-7, Barcelona (ES), Oct 2014 - Final Report	
10:55 - 11:00	2. E-MRS, Lille (FR), May 11-15 2015 - Report	
11:00 - 11:05	3. ESOS Training School, Corsica (FR), June 4-11 2015 - Report	
11:05 - 11:10	4. Wroclaw (PL), Dr. Filip Granek - October 2015	
11:10 - 11:15	5. Bratislava (SK), Dr. Maria Omastova - April 20-22 2016	
11:15 - 11:20	6. Greece, Dr. E. Kymakis, E. Startakis, K. Spyridon - July 2016	
11:20 - 11:25	7. Lisbon (PT), Dr. Ana Matos Charas - 5-7 April 2017	
11:25 - 11:30	8. Paola (MT), Dr. Brian Azzopardi, October 2017	
11:30 - 11:35	9. Training School, March-April 2018 - to be decided	
11:35 - 11:40	10. Final Meeting, Barcelona (ES), May 2018	
11:40 - 11:45	11. Others: Chalmers U. (SE), Dr. Christian Muller - July-Sept 2016 To be discussed	
11:45 - 11:50	Conclusions and Decisions for Future Activities until 2018	
11:50 - 12:00	Dissemination planning (Publications and outreach activities: linkedin, facebook, webinars, etc)	
12:00 - 12:10	MC Approvals	
12:10 - 12:20	Closing MC Meeting	
12:20 - 12:30	<i>Meeting with organizers of Action Activities</i>	
12:30 - 14:00	LUNCH	

WG Meeting		
Afternoon	Session	Science and Technology I: STSMs
14:00 - 14:10	STSM: Koen Vandewal	
14:10 - 14:20	Nieves Espinosa	Creating a Degradation and Stability Database for Organic Photovoltaics.
14:20 - 14:30	Eugene Katz	Application of LDS layers onto OPVs for enhanced performance and lifetime
14.30 - 14:40	Iris Visoly-Fisher	Stability and Degradation Studies of organic and hybrid PV devices by concentrated sunlight
14:50 - 15:00	Vasily Trukhanov	Novel small-molecule bulk heterojunctions for high efficient and stable photovoltaics
15:00 - 15:10	Josep Ferre-Borrull	Reliability of Textured OPVs
15:10 - 15:20	Camilla Lindqvist	Photo-catalised degradation of PC61BM
15:20 - 15:40	Pavel Troshin	Investigation of photochemical stability of conjugated Polymer-fullerene derivatives and completed OPV devices under outdoor conditions at the Negev Desert
15:40 - 15:50	Roland Roche	Implementation, validation and comparison of electrical AFM modes on organic photovoltaic solar cell
15:50 - 16:00	Yannick Zimmerman	Implementation of OPV leaching data into LCA studies
16:00 - 16:30	Coffee Break	
16:30 - 16:40	Eva Unger	The liability of solar cells based on organo-metal-halides
16:40 - 16:50	Monica Lira Cantu	Solution Processable Oxides for Perovskites Solar Cells
17:00 - 17:10	STSM Closing: Koen Vandewal	
17:10 - 17:40	COST Last Remarks	
17:40 - 18:00	Closing	

E-MRS Symposium E		
E-MRS	Symposium E	Poster Session
18:00	E-MRS Symposium E Poster Session	

19:45 Dinner





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 Meeting Room: Amphitheatre Eurotop

Tuesday May 12th, 2015		WG Meeting
<i>Morning Session</i>		<b>Science and Technology II: Invited Talks</b>
8:30 - 8:45	Sylvain Chambon	Interfacial thermal stability and degradation in OPV devices
8:45 - 9:00	Michal Dusza	Light-soaking issues in stability determination of organic solar cells and calcium test for low-cost barrier layers
9:00 - 9:15	Frederik Nehm	Water Permeation through ultra barrier in an extensive climate matrix
9:15 - 9:30	Simon Züfle	Combined Simulation and Electrical Characterization for OPV Stability Analysis
9:30 - 9:45	Ana Charas Matos	Effect of phenanthroline cathode interlayers on the performance of polymer solar cells
9:45 - 10:00	Philippe Leclere	Exploring the local photovoltaic processes in organic and hybrid photovoltaic devices by means of Scanning probe Microscopy
10:00 - 10:30	Coffee Break	
<i>Morning Session</i>		<b>Science and Technology III: Experimental</b>
10:30 - 10:35	Experimental	Monica Lira-Cantu
10:35 - 10:40	OPV review WG1	Nieves Espinosa
10:40 - 10:45	Software database	Rera Solutions software - Sjoerd Veenstra
10:45 - 11:10	Experiment 1	Starting Practices and P3HT Stability Revisited –Harald Hoppe
11:10 - 11:15	Experiment 1	Future Actions
11:15 - 11:35	Experiment 2	Testing the test –Sjoerd Veenstra
11:35 - 11:40	Experiment 2	Future Actions
11:40 - 12:00	Experiment 4	PCDTBT Solar Cell Stability – Yulia Galagan
12:00 - 12:05	Experiment 4	Future Actions
12:05 - 12:15	Experimental End	List of Tasks
12:15 - 12:30	Closing Remarks	Next meeting
12:30 - 14:00	LUNCH	

### E-MRS Symposium E

*Afternoon Session*

