

**EUROSUNMED SYMPOSIUM**  
**GG: Advanced materials and technologies for renewable energies (AMREN-2)**  
**E-MRS Spring Meeting 2016**  
**Thursday 5 May 2016, Lille, France**

Time	Speaker	Presentation Title
08:30 - 08:45	Abdelilah Slaoui (iCUBE-CNRS, FR)	Welcome
<b>Session 1: Energy and Sustainability (Chair: Abdelilah Slaoui)</b>		
08:45 - 09:10	Eicke Weber (FgISE-DE)	Photovoltaics moving towards the Terawatt level
09:10 - 09:35	Fuad Abulfotuh (Alexandria Univ., EG)	Materials Aspects of Advancement of Concentrated Solar Energy Systems
09:35 - 10:00	Ange Nzihou (Mines Albi, FR)	Development of Clay-Biochar Hybrid Materials for Thermal Energy Storage
10:00 - 10:25	Teresa Andreu (IREC, SP)	Photo electrochemical based solar refinery using earth abundant materials, H <sub>2</sub> and CO <sub>2</sub>
10:25 - 11:00	Break	
<b>Session 2: Photovoltaics (Chair: Eicke Weber)</b>		
11:00 - 11:25	Arnulf Jager-Waldau (JRC, IT)	Photovoltaics 2016 - Markets, Manufacturing and Technology
11:25 - 11:50	Negar Naghavi (IRDEP, FR)	A review on thin film solar cell technologies
11:50 - 12:15	Andreas Bett (FgISE, DE)	Photovoltaic with highest Efficiencies
12:15 - 12:40	My Ali El Khakani (INRS, CA)	Pulsed Laser Deposition based Synthesis of Nanohybrid Materials for Photoactive Device Applications
12:40 - 14:00	Lunch	
<b>Session 3: Concentrated Solar Power and Storage (Chair: Fuad Abulfotuh)</b>		
14:00 - 14:25	Aitana Tamayo (CSIC, SP)	New developments in Silicon based ceramics for advanced solar receivers
14:25 - 14:50	Luisa Cabeza (U. Leida, SP)	Overview of materials to be used as TES materials: development and characterization at UdL (GREA)
14:50 - 15:15	Xavier Py (CNRS-PROMES, FR)	Thermal energy storage using rocks, from paleolithic to CSP technologies
15:15 - 15:40	Rocio Bayón (CIEMAT, SP)	Phase Change Materials for Thermal storage at High Temperature
15:40 - 16:15	Break	
<b>Session 4: Storage and Grid integration (Chair: Xavier Py)</b>		
16:15 - 16:40	Teófilo Rojo (CIC-ENERGIGUNE, SP)	Advanced electrode materials for Na-ion batteries, an emerging technology
16:40 - 17:05	Anke Weidenkaff (U. Stuttgart, DE)	Materials for solar thermoelectric energy conversion and (photo)electrochemical storage
17:05 - 17:30	Adelio Mendes (U. Porto, PT)	Towards Nearly Zero Energy Buildings
17:30 - 17:55	Martin Pudlik (Fraunhofer Inst., DE)	Energy Perspectives – The ASEAN Energy Outlook 2015
18:00 - 19:00	Session 5 : Posters	