

PRESENTATION DAYS - 12-13 and 14 December

Wednesday 12 December - Room 1					Wednesday 12 December - Room 2					Wednesday 12 - SESYM - Room 3							
Time	Name	Project title	Any (non/yes/third unit)		Time	Name	Project title	Any (non/yes/third unit)		Time	Name	Project title	Any (non/yes/third unit)				
09:00	Nyssa Mafame	Designing the mini grid solar energy for Bessou Island in Tanzania	HC	SF	09:00	Jaffery Khamme	Development of a Low-cost Platform for Floating Solar panels	LBO	OC	W	09:00						
09:30	Chirayo Thakar	Removal of Trace Sulfate Compounds from Biogas for Catalyst Processes	HC	SF	09:30	AparnaBhaskarSrinivasan Serna	Sensor system to measure blade deflections of a rotating wind turbine system	LBO	OC	W	09:30						
10:00	Rishi Parmer	Evaluating concepts for small scale production of methanol	HC	SF	10:00	Angel Lantini	Fault Prediction Methodology for Wind Turbine Generators - Case of study	LBO	W	OC	09:30						
10:30	Francesca Costabile	Optimizing the implementation of PVs, biogas in the energy storage	HC	SF	10:30	Joan Torral	Development of an improved double module streamline model for the aerodynamic studies and optimization of UDW rotors	LBO	W	OC	09:30						
11:00		COFFEE BREAK			11:00		COFFEE BREAK			11:00							
11:30	Fahim Hadda	Study of the Stability of CO2 Solar Cells under Different Electrical Loads in an Enclosed Dark Box Environment	HC	PV	SF	11:30	Erasmus Jagtap	Simulation of a complete offshore wind park including an offshore substation and creation of a control system SCADA automation	EDM	OC	LBO	11:30					
12:00	Shivrajth Marudhavan	Designing a novel concentrating PV cell using focusing on cells in a cylindrical micro cavity	HC	PV	SF	12:00	Anshu Janghri	Fleet Monitoring & Diagnostic training engineer	EDM	OC	LBO	12:00					
12:30	Miguel Quintana Botros	Power Line Communication for Performance Monitoring in PV	HC	PV	SF	12:30	Hugh Mahieu	Offshore Wind Farm Optimization	EDM	OC	LBO	12:30					
13:00		LUNCH BREAK			13:00		LUNCH BREAK			13:00							
14:00	Aparajit Gupte	A ray tracing study on the effect of incidence angle modifier on the selective absorber in a parabolic trough collector	HC	PV	SF	14:00	Molina Sechi	Control strategies for PV generation and battery storage systems in microgrids to maximize self-consumption and provide grid flexibility	LBO	GI	W	14:00	Aljosandra Castaneda Montoro	Key Features of an Innovative European Instrument to Foster Renewable Energy Growth in African Countries	HC	SEM	YESA
14:30	Geoffrey Sudhakar	Double-MetCo with Bifacial PV cells and an innovative cooling system	HC	PV	SF	14:30	Mohamed Aboud	Offshore Wind Power for Bahrain	LBO	GI	W	14:30	Hora Dobos	Feasibility of shared self-consumption communities: enabling the transition of renewables in densely populated urban areas	HC	SEM	YESA
15:00	Sourya Banal	Technical and Economic analysis of one stop charging service center/zoo solutions for Electric Vehicles (EVs) based on high share of renewables and integrated energy management	HC	SF	PV	15:00	Gouffame Royer	Auditing smart grid solutions operations at the distribution level, in order to	EDM	GI	LBO	15:00	Jean Carlos Medina	Energy and environmental analysis of the electricity system of two small scale off-grid mines in Peru: Modeling hybrid solar systems	HC	SEM	YESA
15:30	Christian Heppelhorn	Energy heat-induced degradation of an Al-doped ZnO/Ag/ZnO TCO for thin film solar cells	HC	PV	SF	15:30	Koen Vandevelde	Improve quality of service index for a French territory	OC	GI	LBO	15:30	Barth Schout	Environmental and economic analysis of using LNG as fuel for auxiliary power units in business aircraft	HC	SEM	YESA
16:00		COFFEE BREAK			16:00		COFFEE BREAK			16:00							
16:30	Behrooz Saedi	Optimization of the concentration factor in a symmetrical CPV by ray tracing and incidence angle modifier simulation	HC	PV	OC	16:30	Ismaels Kartalis	Transformation of mercury contaminated organics to bioenergy	LBO	SF	EDM	16:30	Edel Government	Designing a business model for the development of self-consumption photovoltaic energy projects for medium and large companies in Peru	HC	SEM	YESA
17:00	Mohammed Ameer Siddiqui	The transition of HBM gas production to Green "energy hubs"	HC	PV	OC	17:00	Tom Salfy	Optimization of O&M activities of EOP EN Services Greece	EDM	W	SF	17:00	David Murgatroyd	Assessing the feasibility to convert existing gas production facilities into new energy hubs in the northern Netherlands	HC	SEM	YESA
17:30	Manuel SalvadorRebollar Alonso	Definition of a model for the choice of the optimum photovoltaic system for a rural area in Brazil	HC	GI	PV	17:30	Thomas Finkler	Machines Learning techniques for Predictive Maintenance on Wind Turbines	EDM	W	SF	17:30	Fabrizio M. Amari	Socio-economic and Environmental impact analysis of solar energy in the Amazon Basin	HC	SEM	YESA
18:00	Rish Ravee	Substation earth systems performance under transient conditions	HC	OC	PV	18:00	Cecilia Mendes de Matos	Local context regulation in selected wind and solar markets and implications	EDM	W	SF	18:00	Johanna Van Schaubeert	Solar energy for rural electrification: International experience and lessons learned and discussion of their employment for the optimization of community off-grid systems in Brazil	HC	SEM	YESA
18:30	Arindk Thamp	Development of an end-user burner for pure hydrogen combustion	HC	OC	PV	18:30	Isabelle Tabin	Assistant project manager wind power software development	EDM	W	SF	18:30	Yu Ting Liu	Rural Electrification in Myanmar: A Business Plan of Selling Equipment of Hybrid Mini-grids to End-users	HC	SEM	YESA

DAY 2

Thursday 13 December - Room 1					Thursday 13 December - Room 2					Thursday 13 December - SESYM - Room 3							
Time	Name	Project title	Any (non/yes/third unit)		Time	Name	Project title	Any (non/yes/third unit)		Time	Name	Project title	Any (non/yes/third unit)				
09:00	Amaro Bacci	Power curve assessment of flat tracked wind turbines equipped with high tip and sensitivity analysis of power output to pitch adjustments	HC	W	GI	09:00	Stephanie Tan	techno-Economic Assessment of a Flat Track Inshore Hybrid Power System for Island Electrification Projects in the Philippines	OC	OC	EDM	09:00	Roman Burger	Chances and barriers in community-based energy trading innovations for Austrian electricity retailer and distribution system operators	HC	SEM	YESA
09:30	Joseph Anthony Yusuf	An Investigation into Wind Turbine Control Strategies for Optimal Wind Farm Power Production	HC	W	OC	09:30	Loise Helbert	The impact of implementing control strategies on the dimension and performance of a Permanent Magnet Linear Generator connected to a smart structure	HC	OC	EDM	09:30	Oliver Gerns Schwers	Corporate electric vehicle fleets on the Dutch residential market: Finding business cases	HC	SEM	YESA
10:00	Zaher Aasen	Preliminary investigations of inshore tip vortex generators in the wind tunnel for wind turbine blades in a retrofit solution for leading-edge erosion and trailing-edge damage	HC	W	OC	10:00	Charles Bridgen	Design and characterization of a six degree of freedom floating offshore platform for a small scale wind turbine for wind tunnel experiments	OC	OC	EDM	10:00	Julian Mason	Pitch static realignment: service creation for wind turbines owners	HC	SEM	YESA
10:30	Neha Adams	Dynamic stall in wind turbine blades under parked condition with yawed flow - A focus on the first and trailing edge	HC	W	OC	10:30	Pradeep Kumar Ganesan	Analysis of the influence of yaw/ deflection on the power production estimation of an Offshore Water column device	OC	OC	EDM	10:30	Carsten Ennen	How to facilitate photovoltaics in shared multi-story buildings: The case for Austria	HC	SEM	YESA
11:00		COFFEE BREAK			11:00		COFFEE BREAK			11:00							
11:30	Shafiqul Lehmann	Average analysis of offshore register planning	HC	OC	W	11:30	Ortiz Ramirez	Temporal complexity reduction techniques and their use in power system optimization	OC	SF	EDM	11:30	Fernando Alvarez	Assessment of novel methodologies to measure an optimal PV installation level of rural areas	HC	SEM	YESA
12:00					12:00	Marko Marota Prognostic Diaz	Design of a dynamic Bio-Power to methane (Bio-PCM) supply chain	OC	SF	EDM	12:00	Arcaud Mathieu Barbara	Assessment of stability and potential contribution of bridge technology to foster rural development in Vietnam: The case of	HC	SEM	YESA	
13:00	Ali Chulilat Joseph	Hydrogen and Batteries for Heavy Duty Vehicles	HC	OC	W	13:00	Julian Edoan Luciana Medina	Techno-economic assessment of the upgrading of sugarcane harvesting residues as feedstock for thermochemical processes	OC	SF	EDM	13:00	Anna Friedrich Meiering	Embedding Wind Energy into the Concept of Circular Economy: By Minimizing the Total Service Size of Onshore Wind Turbines in Germany Economically and Environmentally Friendly	HC	SEM	YESA
14:00		LUNCH BREAK			14:00		LUNCH BREAK			14:00							
14:30	Daphne Charles	Learning Curve Impacts on Investment Costs for Floating Wave Energy	HC	OC	PV	14:30	Alexandre Bouzet	Impacts of the combined use of decentralized renewable energy sources on the distribution grid	EDM	GI	LBO	14:30	Anna Bonetto	Offshore Hydrogen Transportation Methods in the North Sea	HC	SEM	YESA
15:00	Kartel Yarmea	Blue motion Energy SS KW Ducted Axialflow	HC	OC	PV	15:00	Koen Vandevelde	Model and control of a combined wave-energy system into a microgrid	EDM	GI	LBO	15:00	Arcaud Mathieu	Business models for sustainable mobility in urban areas	HC	SEM	YESA
15:30	DhruvRathor	Optimization of the damping strategy of Carbon Power Ocean's WEC	HC	OC	PV	15:30	Mohel Benasua	Optimization of the PV Plant Design for a better Grid Code Compliance	EDM	GI	LBO	15:30	Arcaud Mathieu	The Synthesis Bottom-Up Approach in a Social Community JCLA CASE	HC	SEM	YESA
16:00	Stavros Makris	Concept and Design Validation of a Floating Hydrogen Station	HC	OC	SF	16:00	Mohel Miffah	Energy efficiency and self-consumption applied to a 5-star resort in Dominican Republic	EDM	GI	LBO	16:00	Pradeep Ganesan	Advanced design of renewable window systems integrating active components for the exploitation of solar radiation and for mechanical ventilation	HC	SEM	YESA
16:30		COFFEE BREAK			16:30		COFFEE BREAK			16:30							
16:30	Felipe Landino	Thermal assessment of a polymer based BIPV roof	HC	SF	EDM	16:30	Byron Kengne	Alternative candidates for mediated hydrogen production	EDM	SF	OC	16:30	Alba Truantaris	Developing a smart grid solution for isolated regions - A case study of a Greek island	HC	SEM	YESA
17:00	Amin Muhammad Jodari Khoshdel	Evaluation, modelling and Designing of large scale district level solar cooling and heating system	HC	SF	EDM	17:00	Hossein Bouz	Management of the valorization of byproduct from the Brewery and Development of cost-effective solutions for wastewater in line with the future sustainable development	EDM	SF	OC	17:00					
17:30	Bassel Youssef	Division - Low Temperature Application of Flexible Collectors	HC	SF	PV	17:30	Havard Reyes	Improving the Business Yields Of biotech Gasoline In An Industrial Production Line	EDM	SF	OC	17:30					
18:00	Riad van Aart	Case study on a collective high solar-heating systems for existing residential buildings in high-latitude countries	HC	SF	PV	18:00	Carles Foguet Garcia	Hydrodesulfuration of pyrolysis for the production of drop-in fuels	EDM	SF	OC	18:00					

DAY 3

Friday 14 December - Room 1					Friday 14 December - Room 2									
Time	Name	Project title	Any (non/yes/third unit)		Time	Name	Project title	Any (non/yes/third unit)						
09:00	Mehdiha Rey	Development and validation of different modeling approaches for an extreme annual maximum azimuthal/circumferential tower stress	LBO	PV	EDM	09:00	Jose Christian Orsola	Evaluation of the state of charge (SOC) of thermal energy storages (TES) based on phase change materials (PCM)	EDM	SF	OC			
09:30	Aryana Karbasshi	Developing an energy system model, where offshore solar PV is added to an already existing infrastructure for offshore wind	LBO	PV	EDM	09:30	Isaac Javier Virquez Castaneda	Participation in the development and optimization of the eLSD solar thermal power plant control system	EDM	SF	OC			
10:00	Caroline Sabert Fuchsels	Technological Analysis of an Aerosolized Low Concentration Collector and Performance Evaluation of a PV Installation	LBO	PV	EDM	10:00	Alexandre José Hirschfeld Sampaio	Advanced Energy System Control and Tuning Strategies	EDM	GI	OC			
10:30	Simon Vidarsson	Optimization of Electric Vehicle Integrated Photovoltaics	LBO	PV	EDM	10:30	Savesh Shah	Investigation of the role of load flow controllers in progressive distribution networks	OC	GI	SF			
11:00		COFFEE BREAK			11:00		COFFEE BREAK			11:00				
11:30	Lothi Cherif	Design and performance analysis of two compound parabolic concentrating photovoltaic collectors with bifacial solar cells	HC	PV	OC	11:30	Affonso Olex	Feasibility to rewire the PV power plant Auro Solar (LSD MW)	EDM	GI	W			
12:00	David Mora	Optimize the planning for the construction of a 120 MWp solar PV power plant	HC	PV	EDM	12:00	Joao Paulo Lima Carneiro	State of the art of key enabling technologies to facilitate integration of ree	EDM	GI	W			
12:30	Phanivithi Wickramaningsage	AgriVolatic systems and possible future Project for EOP EN	EDM	PV	OC	12:30	Joao Morais	Case study and concept for the verification of guaranteed power curtail of a wind turbine generator within a large-scale offshore wind farm	EDM	W	GI			
13:00		LUNCH BREAK			13:00		LUNCH BREAK			13:00				
14:00	Edazt Arruga	Thermal Induced Degradation on Mirror Interconnection Solar Panels	EDM	PV	W	14:00	Mohamed ElGhal	Offshore Wind Power for Bahrain	LBO	GI	EDM			
14:30	Andreas Agapi	Development of a solar PV plant in Mexico	EDM	PV	W	14:30	Arjan Burmann	Optimal Sizing of Equipment to Test Fault Rides Through capability of Wind Turbines	LBO	GI	EDM			
15:00	Rena Santos	Wind farm study for a site located in PÉLOU (PARANÁ STATE, BRAZIL)	EDM	W	PV	15:00	Chenayee Sankhney	Research and Analysis of Reliability in Onshore Wind Farms based on Operational Data	LBO	GI	EDM			
15:30	Angel Navarro	Photovoltaic, development, financing of a Power Purchase Agreement for the construction of a photovoltaic plant in Spain	EDM	W	PV	15:30		COFFEE BREAK						
16:00		COFFEE BREAK			16:00		COFFEE BREAK			16:00				
16:30	Julian Correa	AI for Defect Detection and Classification	EDM	W	LBO	16:30	Lucas Bernard	Design and Optimization of a bio-inspired solar thermal tree	OC	SF	SF			
17:00	William Carr	Performance analysis in wind turbines. Tracking the power curve improve the efficiency	EDM	W	LBO	17:00	Squidre Tadié	Performance analysis of Photovoltaic - Thermal (PVT) collectors and system simulation of a PVT Heat Pump system	OC	SF	SF			

COCKTAIL RECEPTION