

## Poster Session I: Energy and Power Engineering

DOCID	Author	TITLE
204242	Errehymy Abdelghani	A simple theoretical model of stable dark energy stars
204348	Laaouidi Houda	Assessment of Offshore Wind Potential in Morocco.
204398	Aoukach Basma	The implementation of the multi agent system for the management of a multi-source renewable energy system
204733	Lagdani Oumnia	Study of a Multi-Source Energy System
204978	Hariss Sara	Diagnosis of the Potentialities of the Moroccan Atlantic and Mediterranean Coasts in Renewable Marine Energy Terms.
204993	Salhi Imane	Thermoelectric generators for diesel engine waste heat recovery
205174	Aboumalik Moad	A proposed hybrid IDS algorithm for improving privacy security in smart vehicle-to-grid
226471	Abderrazak Boubekri	The magnetocaloric effect in ferromagnetic systems with spin (1/2-1) and composite materials
230407	Alaoui Belghiti Amine	Hybrid energy harvesting system based on $Pb(Mg_{1/3}Nb_{2/3})_{1-x}Ti_xO_3$ single crystals
234175	Malki Zakariaa	Wave energy harvested by using piezocomposite materials
234628	Ait Ousaleh Hanane	Systematic Evaluation of Hydrates Salt as Sustainable Materials for Low Temperature Thermochemical Energy Storage
234984	Mohamed Jabha	Study by DFT oligomers based on 2,7-divinylcabazole
235348	Assaid El Mahdi	Temporal monitoring of module temperature and incident solar irradiance for predicting photovoltaic module peak power and efficiency using analytical expressions and numerical models of physical parameters
235796	Alaoui Mustapha	PV Source Emulator based on SEPIC Converter with Pole Placement State Feedback Control
235902	Fatima Ezzahrae M'hamdi Alaoui	Excess enthalpy of mixtures of iso-octane + cyclic hydrocarbons as energy fluids
235942	Saber Karim	Modelling and identification of the electrical parameter equivalent to the corona discharge reactor fed by a DC voltage at atmospheric pressure
235956	Lamouri Rachida	Ab initio and Monte Carlo simulation of $CoFe_2O_4$ : energy product investigation
235996	Ame Yousra	Applied neural networks for daily wind forecast
235998	Baich Soufiane	Modeling and simulation of hydrodynamic and heat transfer on new surface structures for falling film evaporators
236012	Chaimaa Hadey	Energetic Valorization of Biomass: Study of Thermal Degradation by TGA, DTA and DSC
236014	Masrouf Rachid	Vertical multijunction silicon solar cells: An effects of concentration study
236015	Sellami Assia	Modeling a Photovoltaic Panel using a Numerical Approach

236039	<b>Harmen Yasser</b>	Étude expérimentale et numérique du stockage de l'énergie thermique dans un matériau à changement de phase
236114	<b>Benyachou Badr</b>	A method of command that allows extracting the maximum of power during the operation of the wind system
236136	<b>Mouachi Raja</b>	Technico-economic analysis of PV-Battery based Microgrid system
236138	<b>Hasnaa Jenkal</b>	Modeling, control and simulation of MPPT for Wind Energy Conversion System
236143	<b>Touili Samir</b>	Techno-economic investigation of electricity and hydrogen production from wind energy in Casablanca
236154	<b>Elmouatamid Abdellatif</b>	Wind Turbine Production Forecasting for Micro-Grid System Control
236177	<b>Mahmoud El Mouden</b>	Design of piezoelectric-magnetic shock absorbers for vibration energy harvesting
236180	<b>Essaket Soukaina</b>	Autonomous Sensors For Energy Harvesting
236196	<b>Galadi Abdelghafour</b>	PSPICE compact model for power MOSFET based on manufacturer datasheet
236207	<b>Nouri Youssef</b>	First Principe to calculate the optical, electrical and chemical properties of the Cs <sub>2</sub> TiBr <sub>6</sub> perovskite
236215	<b>Fahim Ismail</b>	A theoretical study of the H <sub>2</sub> storage by confinement inside carbon nanotubes
237248	<b>Berrabah Soukayna</b>	Thermo-mechanical characterization of a building
238197	<b>Farhani Riham</b>	Technics for optimizing energy consumed by the electric vehicle: state of the art
238201	<b>El Kaouni Salima</b>	Valorization of Moroccan Oil Shale for Environmental Applications
239228	<b>Anoua Rania</b>	Dye Solar cells
239310	<b>M. Bezza</b>	DFIG Wind Turbine controlled by Matrix Converter