

ICSERTA-2018

International Congress on Solar Energy Research, Technology and Applications

May 8 – 10, 2018, OUARZAZATE, MOROCCO

Liste des Auteurs acceptés pour une présentation ORALE ou par AFFICHE

Nom et Fichier d'enregistrement	Titre	Présentation ORALE POSTER
Ibtissem Sifi Ibtissem-Sifi_MOD_paper_3.doc	Étude et Modélisation d'un Générateur Thermoélectrique	ORALE
Abdelkrim Amkassou Abdelkrim-Amkassou_PV2_paper_6.doc	DFT and TD-DFT study of new D- π -A dyes for Gratzel solar cells	ORALE
A. EDDEMANI A-EDDEMANI_CSP9_paper_8.doc	Numerical investigation of thermal behavior of a rock bed thermal energy storage system	ORALE
Dharif Mohamed Dharif-Mohamed_PV6_paper_9.doc	Hard and Soft method of DC over-voltage control for three-phase PV inverter connected to LV Grid	ORALE
B. A. REGUIG B-A-Reguig_PV2_paper_10.doc	SYNTHESIS OF CONDUCTING POLYMERS AND SOLUBLE APPLICATION IN ORGANIC PHOTOVOLTAIC CELLS	ORALE
F. Welatta F-Welatta_PV2_paper_11.doc	Fabrication and characterization of Copper-Tin-sulfide thin film	ORALE
A. Harrouz A-Harrouz_APPL2_paper_12.doc	Solar Energy Applications to Water Pumping for the Protection of Foggara	POSTER
Bilal LAMRANI Bilal-LAMRANI_CSP34_paper_13.doc	Thermal performance of a parabolic trough collector under different climatic zones in Morocco	ORALE

Essaid Ait el maati Essaid-Ait-el- maati_PV11_paper_14.doc	Modeling and Control of Photovoltaic System using the Fuzzy Logic Algorithm and Single Ended Primary Inductor Converter for Maximum Power Point Tracking	ORALE
Kabira Ezzaeri Kabira- Ezraeri_APPL4_paper_15.doc	Study of shading effect on the microclimate in a canarian photovoltaic greenhouse	POSTER
M. Dellahi M-Dellahi_PV6_paper_16.doc	Total and selective harmonic currents suppression based on three-phase four-wire shunt active power filter	ORALE
Yamina Khlifi Yamina-Khlifi_PV8_paper_17.doc	Efficient Energy Utilization of Stand Alone Photovoltaic System under Rapid Change in Load	POSTER
D. O. Maliani D-O- Maliani_APPL5_paper_18.doc	Innovative design of solar still coupled with a concentrator supplied by a solar tracker and the energy balance calculation	ORALE
A. El-Abidi A-El-abidi_APPL5_paper_19.doc	Modeling and numerical simulation study of an indirect hot-air solar collector used for drying red algae	ORALE
Sara SALLAM Sara- SALLAM_CSP3_paper_20.doc	Convective heat transfer analysis in parabolic trough collectors for direct steam generation	ORALE
Sara Mtougui Sara- Mtougui_PV7_paper_21.doc	Experimental study of a PV Grid-connected system installed in Rabat, Morocco	POSTER
Abdelhadi SERBOUTI Abdelhadi- SERBOUTI_PV10_paper_22.doc	Technical & Economical assessment of a hybrid PV thermal system in Morocco	ORALE
Meryem Bachar Meryem- Bachar_PV11_paper_23.doc	Comparative study of P&O and Incremental Conductance MPPT algorithms for mobile desalination unit	ORALE
Rachid Herbazi Rachid- Herbazi_PV5_paper_25.doc	Ideality factor effect on the photovoltaic characteristics curves under various irradiation levels	POSTER

Imad El Harraki Imad-El- Harraki_PV8_paper_26.doc	Optimal Control of Network of Power Micro grids using the Hamilton Jacobi bellman equation	ORALE
Mohamed Ouzineb Mohamed- Ouzineb_PV8_paper_27.doc	Hybrid Biomass/PV/Diesel/Battery Availability Optimization using Gravitational Search Algorithm under Performance and Cost Constraints	ORALE
Hicham Lahmar H-Lahmar_PV2_paper_28.doc	Synthesis and photo-electrochemical properties of NiBi ₂ O ₄ and its application in photocatalytic degradation of methyl blue under solar light	POSTER
Assia Benkaddour Assia- Benkaddour_PV5_paper_29.doc	Enhancement of solar energy on photovoltaic collector by reflector mirror	POSTER
Abderrahman Madad Abderrahman- Madad_MOD_paper_30.doc	Numerical analysis of a hollow brick thermal behavior wall based Phase Change Materials: Effect of Thermophysical Parameters	POSTER
Souad Douafer Souad- Douafer_APPL5_paper_31.doc	Photo-reduction of hexavalent chromium in the presence of the novel hetero-system LiMn ₂ O ₄ /SnO ₂ catalyst under solar light	POSTER
Nirine LAGHMICH Nirine- LAGHMICH_EE_paper_32.doc	The reduction of energy consumption and the ensurance of thermal comfort by adapting the envelope in mosque in the six climatic zones	ORALE
Arisily Toky Adrien Aimé Arisily-Toky- Adrien_MOD_paper_33.doc	Design, construction and testing of a hybrid grid-photovoltaic thermoelectric device for cooling, heating and dehumidification	ORALE
S. YADIR S-YADIR_PV11_paper_35.doc	Temperature effect and the numerical study of the influence solar cooling with hotovoltaic/ thermal systems on photovoltaic module electrical performance	POSTER
Kawtar Moutaki Kawtar- Moutaki_PV6_paper_36.doc	Improved Backstepping based Control Approach for Single-stage Inverter Grid Interfacing Solar Photovoltaic System	POSTER

Houssam Eddine CHAKIR Houssam-Eddine- CHAKIR_PV8_paper_37.doc	Optimal power flow management control of an urban electrical grid integrating a photovoltaic system	ORALE
HananeToura H-Toura_PV2_paper_38.doc	Elaboration and characterization of thin layer in CZTS by electrodeposition for photovoltaic application	POSTER
Abderrahim Eddiouane Abderrahim- Eddiouane_PV2_paper_40.doc	First Principles Investigation of Electronic and Optical Properties of Rutile TiO ₂ for Photovoltaic Application	ORALE
Mahamoud Bououd Mahamoud- Bououd_APPL1_paper_41.doc	Clay bricks industrial solar dryer: design and comparative study	ORALE
Omar M'HAMDI Omar- MHAMDI_EE_paper_42.doc	Contribution to the improvement of the energetic performances of a coating by the formulation of a new material PSA type	POSTER
M. Najjaoui T. Ait-Taleb M- Najjaoui_APPL4_paper_43.doc	Coupled heat transfers in a hollow block subjected to an incident solar flux: Effect of thermal emissivity	ORALE
A. El Mouatasim A-El- Mouatasim_PV7_paper_44.doc	Regression analysis of a photovoltaic (PV) system in FPO	ORALE
Haytem Moussaoui Haytem- Moussaoui_APPL1_paper_45.doc	Drying kinetics of Dandelion root by a solar drying system	ORALE
Elmehdi KARAMI Elmehdi- KARAMI_PV5_paper_47.doc	Energy efficiency of PV panels under real outdoor conditions of Casablanca	POSTER
Abderrahim Ait Hssi Abderrahim-Ait- Hssi_PV2_paper_48.doc	Growth and Characterization of Cu ₂ O for Solar Cells Applications	ORALE

Zineb Bounoua Zineb- Bounoua_PV1_paper_49.doc	Prediction of daily global horizontal solar irradiation using artificial neural networks and commonly measured meteorological parameters	ORALE
A. Brahmi A-Brahmi_APPL2_paper_51.doc	Design and optimal choice of a photovoltaic pumping system for irrigation	ORALE
Omar Bourass Omar- Bourass_APPL4_paper_52.doc	Proposition Of A Procedure Of Diagnosis Of Energy Performance In Morocco	POSTER
Nassim BABA AHMED Nassim-BABA- AHMED_APPL1_paper_53.doc	Influence of heat absorber $hdpe_{bio}$ on the performance of solar collector	ORALE
Hamid Ettayyebi Hamid- Ettayyebi_PV1_paper_54.doc	Artificial neural networks for forecasting the 24 hours ahead of global solar irradiance	ORALE
A. Sellami A-Sellami_PV5_paper_56.doc	The Performance of a Simple PV and Cooling PV Panel using Phase Change Material under Moroccan Climate	POSTER
Oussama Hachchadi Oussama- Hachchadi_PV11_paper_57.doc	Design and modeling of a solar ventilation system	POSTER
Zakaria Bouzid Zakaria- Bouzid_PV1_paper_58.doc	Updating Solar Energy Maps and Analysis of the Complementarity of this Source with Wind Energy in Algeria	ORALE
M. BELAOUI M-BELAOUI_PV2_paper_59.doc	Spectrophotometer and Ellipsometry characterizations of ZnO thin film prepared by sol-gel method	POSTER
Oumaima Mesbahi Oumaima- Mesbahi_PV11_paper_60.doc	Parameters identification of photovoltaic panel for a precise MPP determination under shading conditions	ORALE
Sara El-Yahyaoui Sara-El- Yahyaoui_CSP2_paper_61.doc	Optical design of concentrating solar system for direct transfer radiation through a bundle of fiber	ORALE

Yahia Zefri Yahia-Zefri_PV5_paper_62.doc	Defects detection of photovoltaic modules through UAV aerial image processing	POSTER
O. Tata O-Tata_PV11_paper_63.doc	Performance analysis of photovoltaic thermal (PV/T) collectors	ORALE
W. Khemiri (King Abdul Aziz University, Jeddah Saudi Arabi) W-Khemiri_PV11_paper_64.doc	Optimal Placement of Solar Photovoltaic Farms using Analytical Hierarchical Process and Geographic Information System in Mekkah, Saudi Arabia	ORALE
Safa Hakim Safa-Hakim_PV6_paper_65.doc	Study, conception and analysis of DC-DC Buck Converter using Matlab/Simulink and Arduino	ORALE
Mohamed Sarhou Mohamed-Sarhou_PV5_paper_66	Study of the dimensional parameters influencing performance solar cells with silicon stockings	POSTER
Meryem EL BADAOU Meryem-EL-BADAOU_EE_paper_67.doc	Nationally Appropriate Mitigation Action (NAMA)	POSTER
Abdelmajid Mansour A-Mansour_Therm_paper_67b.doc	Lateral heating combined with thermal-diffusion inducing supercritical, subcritical and Hopf bifurcations in a rectangular porous enclosure subject to vertical thermal and solutal gradients	ORALE
Oussama Gliti Oussama-Gliti_CSP2_paper_68.doc	computational design of a multilayer coating for solar selective absorber application	ORALE
Hanana AÏT OUSALEH Hanana-AÏT-OUSALEH_CSP9_paper_69.doc	Mixed hydrate salts as sustainable thermal energy storage technology: Synthesis and thermal behavior investigation	POSTER
Mouna Tali Mouna-Tali_PV6_paper_70.doc	Performance of Shunt Active Power Filter in mitigation Power Quality problem of a Grid Integration Photovoltaic Energy	POSTER