



ICSERTA'2018

International Congress on Solar Energy Research, Technology and Applications

May 8 – 10, 2018, OUARZAZATE, MOROCCO

Liste des participants au congrès et à la visite du complexe solaire de Ouarzazate

Nom/institution	Titre	Présentation O: Orale P: Poster	CIN/Passeport
Mostafa DELLAHI Faculty of Science and Technology, University Hassan 1, Settat, Morocco.	Total and selective harmonic currents suppression based on three-phase four-wire shunt active power filter.	O	CIN: Oui
Yamina KHLIFI National School of Applied Sciences, Oujda.	Efficient Energy Utilization of Stand Alone Photovoltaic System Under Rapid Change in Load. Accompagnée de Naziha Khelifi (auditeur libre)	P	CIN: Oui CIN: Oui
Abdelmajid MANSOUR University Cadi Ayyad, Faculty of Sciences Semlalia	Lateral heating combined with thermal-diffusion inducing supercritical, subcritical and Hopf bifurcations in a rectangular porous enclosure subject to vertical thermal and solutal gradients.	O	CIN: Oui
Safa HAKIM Faculty of Sciences at University Ibn Zohr - Agadir	Study, conception and analysis of DC-DC Buck Converter using Matlab/Simulink and Arduino	O	CIN: Oui
Mohamed Ouzineb Institut National de Statistique et d'Economie Appliquée, Rabat	Energy mix capacity Factor Optimization using Tabu Search Algorithm	O	CIN : Oui
Dr. Nassim BABA AHMED Abou Bekr Belkaïd University of	Influence of heat absorber hdpebio on the performance of solar collector.	O	Passeport: Oui

Tlemcen, Tlemcen, Algeria			
Abdelkrim El Mouatasim <i>Polydisciplinary Faculty of Ouarzazate, University of Ibn Zohr, Morocco</i>	Regression analysis of a photovoltaic (PV) system in Polydisciplinary Faculty of Ouarzazate	O	CIN: Oui
Zineb BOUNOUA Faculty of Sciences and Technologies, Sidi Mohamed Ben Abdellah University of Fez, Morocco	Prediction of daily global horizontal solar irradiation using artificial neural networks and commonly measured meteorological parameters.	O	CIN: Oui
Mahmoud BOUOUD Faculty of Sciences and Technology, Sidi Mohamed Ben Abdellah University of Fez, Morocco.	Clay bricks industrial solar dryer: design and comparative study.	O	CIN : Oui
Oussama HACHCHADI Faculty of Sciences and Technology, Sidi Mohamed Ben Abdellah University of Fez, Morocco.	Design and modeling of a solar ventilation system.	O	CIN: Oui
Abderrahman MADAD, Faculty of Sciences and Technology University Hassan 1, Settat, Morocco	Numerical analysis of a hollow brick thermal behavior wall based Phase Change Materials: Effect of Thermophysical Parameters.	P	CIN : Oui
Sara SALLAM Faculté des sciences Ben M'Sik, Université Hassan II de Casablanca, Maroc.	Convective heat transfer analysis of direct steam generation in parabolic trough collectors	O	CIN: Oui
Essaid Ait El Maati Faculty of Science and	Modeling and Control of Photovoltaic System using the Fuzzy Logic Algorithm and Single Ended Primary Inductor Converter for Maximum Power Point Tracking.	O	CIN: Oui

Technology, University Hassan first, Settat, Morocco.			
Zakaria Bouzid Algiers University I, Algeria.	Updating Solar Energy Maps and Analysis of the Complementarity of this Source with Wind Energy in Algeria.	O	N° CIN manque
Meryem Bachar Univ. Hassan 1; Laboratoire MATIC, 26000 Settat, Maroc.	Comparative study of P&O and Incremental Conductance MPPT algorithms for mobile desalination unit.	O	CIN: Oui
Abdelhadi SERBOUTI Faculty of Science and Technology, University Hassan first, Settat, Morocco.	Technical & Economical assessment of a hybrid PV thermal system in Morocco.	O	CIN: Oui Ne participe pas à la visite
Abdelkrim AMKASSOU Polydisciplinary Faculty of Ouarzazate, Ibn Zohr University, Ouarzazate, Morocco.	DFT and TD-DFT study of new D- π -A dyes for Gratzel solar cells.	O	CIN : Oui
Souaad Douafer Faculty of Exact Sciences, University of Bejaia, Algeria.	Photo-reduction of hexavalent chromium in the presence of the novel hetero-system LiMn ₂ O ₄ /SnO ₂ catalyst under solar light.	P	N° CIN manque
Aicha EDDEMANI Faculty of Sciences, University Ibn Zoher, Agadir, Morocco.	Numerical investigation of thermal behavior of a rock bed thermal energy storage system.	O	CIN Oui
Pr. Reda YAAGOUBI School of Geomatics and Surveying Engineering, IAV Hassan II, Rabat, Morocco.	Optimal Placement of Solar Photovoltaic Farms using Analytical Hierarchical Process and Geographic Information System in Mekkah, Saudi Arabia.	O	CIN: Oui
Faculty of Sciences Semlalia, Cadi Ayyad University.	Fabrication and characterization of Copper-Tin-sulfide thin film.	O	Carte de séjour: Oui
Oussama DRISSI MALIANI Hassan II Institute of Agronomy & Veterinary Medicine – Madinat	Innovative design of solar still coupled with a concentrator supplied by a solar tracker and the energy balance calculation.	O	CIN: Oui

Al Irfane, B.P. 6202. Rabat – Maroc.	Co-auteurs participants: Pr. EL FELLAH Younes Pr. BEKKAOUI Ahmed Pr. GUISSI Khalid		CIN: Oui CIN: Oui CIN : Oui
Pr. Ali Hajji Agronomic and Veterinary Institute Hassan II, Rabat, Morocco.	Design, construction and testing of a hybrid grid-photovoltaic thermoelectric device for cooling, heating and dehumidification.	O	CIN : Oui
Aabderrahim AITHSSI Faculty of Sciences,Ibn Zohr University, Agadir.	Growth and Characterization of Cu2O for Solar Cells Applications	O	CIN : Oui
Hanane Aït Ousaleh Faculty of Sciences Ben M'sik, University Hassan II of CASABLANCA, Morocco	Mixed hydrate salts as sustainable thermal energy storage technology: Synthesis and thermal behavior investigation.	P	CIN : Oui
Abderrahim Eddiouane Polydisciplinary Faculty, Ibn Zohr University, Ouarzazate, Morocco.	First Principles Investigation of Electronic and Optical Properties of Rutile TiO ₂ for Photovoltaic Application.	O	CIN: Oui
Meryem El Badaoui Ecole Mohammedia des Ingénieurs (EMI), Rabat, Maroc.	Nationally Appropriate Mitigation Action (NAMA) in the industrial sector.	P	CIN : Oui
Assia Benkaddour Faculty of Sciences, Abdelmalek Essaadi University Tetouan, Morocco.	Enhancement of solar energy on photovoltaic collector by reflector mirror.	P	CIN: Oui
Assia Sellami National School of Applied Sciences, University of Chouaib Doukkali, EL Jadida, Morocco.	The Performance of a Simple PV and Cooling PV Panel using Phase Change Material under Moroccan Climate.	P	CIN: Oui
Haytem MOUSSAOUI Teacher's Training College, Cadi	Drying kinetics of Dandelion root by a solar drying system.	O	CIN: Oui

Ayyad University, Marrakesh, Morocco.			
Hamid Ettayyebi Faculty of Sciences, University of Mohammed V, Rabat, Morocco	Artificial neural networks for forecasting the 24 hours ahead of global solar irradiance. <u>Co-auteur participant:</u> Prof. Khalid El himdi <u>Visiteur:</u> Prof. Abdelhak Zoglat	0	CIN : Oui CIN : Oui CIN : Oui
Sara El Himer Faculty of Science and Technology, Sidi Mohamed Ben Abdellah University Fez, Morocco.	Optical design of concentrating solar system for direct transfer radiation through a bundle of fiber. Co-auteur pour visite NOOR	0	CIN: Oui
Laghmich Nistrine Faculty of sciences and technique of Tangier - University Abdelmalek Essaâdi – Morocco.	The reduction of energy consumption and the ensurance of thermal comfort by adapting the envelope in mosque in the six climatic zones.	0	CIN: Oui
Mourad NAJJAoui Polydiscilinary Faculty of Ouarzazate, Ibn Zohr University, Ouarzazate, Morocco.	Coupled heat transfers in a hollow block subjected to an incident solar flux: Effect of thermal emissivity.	0	CIN : Oui
Abdenabi Brahmi Faculty of Sciences and Techniques Errachidia.	Design and optimal choice of a photovoltaic pumping system for irrigation. <u>Co-auteurs:</u> Ghizlane Chbirik Abdelouahed ABOUNADA <u>Accompagné de:</u> Salem ERRADA Société SOLAIRE ERRADA	0	CIN: Oui CIN: Oui CIN: Oui CIN : Oui

	148, Bd Mohamed V Jorf, Erfoud, Maroc		
Bilal Lamrani Faculté des Sciences et Techniques de Tanger, - Université Abdelmalek Essaâdi	Thermal performance of a parabolic trough collector under different climatic zones in Morocco.	O	CIN : Oui CIN : Oui
Kawtar Moutaki University Mohammed V in Rabat, High School of Technology, Salé, Morocco.	Improved Backstepping based Control Approach for Single-stage Inverter Grid Interfacing Solar Photovoltaic System.	P	CIN: Oui
Rachid Herbazi National School of Applied Sciences of Tangier, Abdelmalek Essaïdi University, Tangier, Morocco.	Ideality factor effect on the photovoltaic characteristics curves under various irradiation levels.	P	CIN: Oui
Hanae Toura FST Mohammédia, Université Hassan II, Casablanca, Maroc	Elaboration and characterization of thin layer in CZTS by electrodeposition for photovoltaic application.	P	CIN : Oui
Mohamed Dharif ONEE, Morocco & University CADI AYYAD, (ENSA) Marrakech, Morocco.	Hard and Soft method of DC over-voltage control for three-phase PV inverter connected to LV Grid.	O	CIN: Oui
SARHOU Mohamed Faculty of Sciences, Université Abdelmalek Essaadi, Tetouan.	Study of the dimensional parameters influencing performance solar cells with silicon stockings.	P	CIN: Oui
Omar TATA ENSA, Université Ibn Zohr, Agadir, Morocco.	Performance analysis of photovoltaic thermal (PV/T) collectors. Co-auteur participant Pr. Youssef BELKASSMI FP Ouarzazate	O	CIN: Oui CIN: Oui
Redouane LAMGHARI	Optimal Control of Network of Power Micro grids using the Hamilton Jacobi	O	CIN: Oui

EMI/Ecole des Mines de Rabat, Rabat, Maro	bellman equation.		
Pr. Imane Sebari School of Geomatics Sciences and Surveying Engineering, IAV Hassan II, Rabat, Morocco	Defects detection of photovoltaic modules through UAV aerial image processing	P	CIN:Oui
Pr. M'abark Bakkas ENSAM, Université Moulay Ismail, Meknès, Maroc	Comités		CIN: Oui
Pr. Mustapha Ayaita Renewable Energy University Network	Comités		CIN: Oui
Pr. Hassan Chaib FP Ouarzazate	Comités		CIN : Oui
Pr. Thami Ait-Taleb FP Ouarzazate	Comités		CIN : Oui
Pr. Khadija Choukairy ENSA Khouribga	Comités		CIN: Oui
Pr. Kaoutar Khallaki ENSA Khouribga	Comités		CIN: Oui
Pr. Sanaa Hayani Mounir FP Khouribga	Comités		CIN: Oui
Pr. Abdellah Mechaqrane FST Fès	Conférencier invité		CIN: Oui
Pr. Christian Cristofari Université de Corse Pascal Paoli	Conférencier invité		Passeport: Oui
Pr. Abdelilah Slaoui CNRS -France	Conférencier invité		Ne sera pas à la visite
Pr. Aziz Dinia Université de Strasbourg, France	Conférencier invité		Ne sera pas à la visite



الكلية متعددة التخصصات - ووزازات
+o+eLl+ +oX+eJHk+ - LlO%eJ+
FACULTÉ POLYDISCIPLINAIRE DE OUARZAZATE



Pr. Moha Cherkaoui Ecole des Mines de Rabat	Comités		CIN : Oui
Mimoun Chikhi Directeur Général IBM Maro	Auditeur libre		CIN : Oui