

## EXPERIMENTATION HALL // POSTER SESSION ONE

15h00 - 16h00

PART I = 1/3 POSTERS

onsite	030	Brahim KALECH, Soufien GANNOUNI, <b>Mourad BOUTERAA</b>	Analysis on the smoke extraction in tilted tunnel
onsite	002	<b>Hakim SEMAI</b> , Mustapha KOUSSA, Abdennour BOURABA, Aissa AMARI	Effect of the geometric shape of an air solar collector outlet nozzle
onsite Doct.	028	Sara <b>CHEHADE</b> , Nicolas DUJARDIN, David GIOVANNACCI, Abderrahim BOUDENNE	Thermophysical properties characterization of raw earth from material to the wall scale
onsite	022	Hadef AMAR, <b>Mameri ABDELBAKI</b> , Ouachria ZEROUAL	Characterization of the combustion of an ammonia/syngas mixture's blend in a MILD regime
onsite P-Doct.	095	<b>Mohamed Amine HAMADI</b> , El-Houssain Quenjel, Patrick PERRE	Application of Finite Volume method to the Population Balance Equation in the context of Secondary Refrigeration
onsite Doct.	146	<b>Karim BOUMLIK</b> , Hassan RADOINE, Zaid ROMANI, Mohammed AHACHAD	Comparative Study of some Mediterranean Envelope Materials to Assess Energy Needs in a Typical Moroccan Residential Building
onsite	064	Imène SAAD, Sameh MAALEJ, <b>Mohamed Chaker ZAGHDOUDI</b>	Experimental evaluation of the energy savings achieved by a 3-way valve used in a heat pump-air handling unit coupling for building heating and air conditioning applications
onsite	017	<b>Nour-Eddine BENAOUA</b> , Salim BENAOUA	Adsorption isotherm, kinetics and thermodynamic analysis of microalgae (spirulina sp.)
visio Doct.	075	<b>Nathanaël WANDJI</b> , Abraham TETANG, Nicolas GNEPIE, Balbine MATUAM, Marcel DOUN	Etude numérique comparative d'un cuiseur a géométrie parabolique lisse et un cuiseur a géométrie parabolique en segment
onsite Doct.	145	<b>Mamadou Aliou II DIALLO</b> , Zaid ROMANI, Mustapha MAHDAOUI, Hassan RADOINE, Mohammed AHACHAD	Experimental assessment of roofing sheet color impact on thermal comfort in residential buildings in Guinea.
onsite	115	Hanane BOUTCHICHE, <b>Nouredine ZEKRI</b>	Influence of porosity on heating dynamics of materials

## EXPERIMENTATION HALL // POSTER SESSION TWO

15h00 - 16h00

PART II = 2/3 POSTERS

onsite Doct.	097	<b>Mariam ALMAZHOUD</b> , Makram KHELIL, Habib FARHAT	Thermal innovations in photovoltaics: State of the art
onsite	156	Salim EL HASSANI, <b>Aicha CHORAK</b> , Zaid ROMANI, Mustapha MAHDAOUI, Hassan MAKROUM, Mohammed AHACHAD	Étude et Analyse des Stratégies Architecturales Bioclimatiques dans les Maisons Traditionnelles et Contemporaines du Nord du Maroc: Cas d'Asilah
visio Doct.	034	<b>Mohamed EL AABBAS</b> , Bilal BOUZID, Ahmed ELHAMRI, Mohammed AHACHAD, Mustapha OUARDOUZ, Mustapha MAHDAOUI	Thermal analysis of a multi-layer building wall with bio-based materials and Phase Change Materials
onsite	045	<b>Belgacem DHIFAOU</b> , Walid FOUHIL, Sadok BEN JABRALLAH	Les rejets thermiques dans les installations industrielles : contribution à la récupération via une cellule à base MCP
onsite	007	Mohammed BOUANANI, <b>Abderrahmane BENBRIK</b> , Mohammed CHERIFI, Zakaria BELIMANE, Khaled SAHNOUNE	Combined natural convection and radiation in annulus space of two square enclosures
visio	139	<b>Sara SAHNOUNE</b> , Nassira BENHASSINE	A Grasshopper-Based simulation for courtyard solar control in semi-arid climate
visio Doct.	128	<b>Oumayma OMRI</b> , Soufien AZZOUC, Mohamed Taher ELAIEB, Salwa BOUADILA	Mesure de la conductivité thermique du matériau liège séché à différentes températures
visio	089	<b>Zeineb ALOUI</b> , Béchir CHAOUACHI, Ali BENHMIDENE, Khaoula HIDOURI	Amelioration of a greenhouse thermal efficiency through energy storage system
visio	136	<b>Sarah BENHARKAT</b> , Rayene BOUGHLITA	Etude de la performance thermique estivale de la façade ventilée en climat tempéré en Algérie
visio	078	<b>Nesrine RACHEDI</b> , Messaoud GUELLAL	Étude de l'effet de la température de fusion sur la convection et le changement de phase dans une cavité carrée avec un MCP nano-encapsulé
onsite	100	<b>Abdeslam OMARA</b> , Abderrahim BOUROUIS	Impact of the thermal and solutal boundary profiles on entropy generation: A local thermal non-equilibrium approach within a composite cavity

## EXPERIMENTATION HALL // POSTER SESSION THREE

11h00 - 12h00

PART III = 3/3 POSTERS

visio	114	<b>Aminata KANTA</b> , Rachid OUTBIB, Lounès TADRIST	Optimisation of a multi-use photovoltaic energy production system
visio Doct.	101	<b>Joselyne FUGEU NGUELO</b> , Abdallah KHELLAF	Cooking for a Greener Future: Harnessing Biomass-Based Ecological Charcoal in Innovative Cooker Systems
onsite	073	Nabil OUAZAA, <b>Smail BENISSAAD</b> , Mahmoud MAMOU	Étude analytique de la convection naturelle à double diffusion dans une cavité élançée
visio Doct.	123	<b>Mohamed RAHMOUN</b> , Taoufik MAKAYSSI, Bilal EL HADOU, Mohamed LAMSAADI	Effect of Rayleigh number on thermos-dependent double-diffusion natural convection of non-Newtonian Carreau-Yasuda fluids in square cavities
onsite	112	<b>Said BOUCHTA</b>	Étude numérique de la convection libre d'un nanofluid hybride (Cu-TiO <sub>2</sub> /Eau) remplissant une cavité tridimensionnelle exposée à un champ magnétique horizontal
onsite	011	<b>Mohamed H. A. LARBI YUCEF</b> , Sara CHEHADE, Abderrahim BOUDENNE, Johann DEGRAVE	Hygroscopic and bio-based insulation of half-timbered old buildings
onsite	067	<b>Abdelouahab BOUBEGHAL</b> , Abba CHAKER, Salim AOULMIT, Ahmed MADIANI	Theoretical and experimental study of a solar air collector for drying food products
onsite	051	Fatima-Zahra EL-BICHRI, Issam SOBHY, Imane BOUCHEFRA, Brahim BENHAMOU, Hassan CHEHOUANI	A sustainable solution for climate-responsive building design using a novel earth-based brick
onsite Doct.	090	Djamila REKIOUA, <b>Saloua BELAID</b> , Toufik REKIOUA, Pierre-Olivier LOGERAI	Feasibility of the a hybrid system with photovoltaic and solar thermal
visio	068	<b>Jean Pierre Justin KAAM KOUAM</b> , Yapi Désiré YAPI ASSOI, Maxwell TIENTCHEU NSIEWE, Abraham TETANG FOKONE	Impact of renewable energies on sustainable development: Sociodemographic view and representations of populations
onsite	005	<b>Taoufik BRAHIM</b> , Abdelmajid JEMNI	Numerical Modeling for Optimum Solar Technology using Genetic Algorithm