

FROM	TO	EVENT	
Tuesday 1st December, 2020			
09:00	09:30		OPENNING SESSIONS
		https://us02web.zoom.us/j/84549994753?pwd=S1hlZGcrUIREODJBSEVXVjNmZlUT09	PLENARY CONFERENCES
09:30	10:30	Keynote 1	Urban Climate Change Resilience: In the Quest of a Theory for Adaptive Change Prof. H. PEERHOSSAINI
10:30	10:45		COFFE BREAK
10:45	11:45	Keynote 2	Look differently on heat and mass transfer improvement: New fluid or complex structure Prof. R. BENNACER
12:00	14:00		LUNCH BREAK
SESSIONS BY TOPICS			
14:00	16:00	Session1	Heat and mass transfer & Fluid mechanics
		Session2	Renewable energies and Energy efficiency in the building, industry and process
16:00	16:15		COFFE BREAK
16:15	18:15	Session3	Heat and mass transfer & Fluid mechanics
		Session4	Materials for energy
FROM	TO	EVENT	Wednesday 2nd December, 2020
SESSIONS BY TOPICS			
08:30	09:30	Session5	Renewable energies and Energy efficiency in the building, industry and process
		Session6	Thermal characterization of materials & Measurements techniques
		https://us02web.zoom.us/j/88322915379?pwd=VHA2cll1ZGE5ckVwS3dnVUdWUGszQT09	PLENARY CONFERENCES
09:30	10:30	Keynote 3	En quoi le smart building est l'une des clés pour la réussite de la transition énergétique et l'optimisation énergétique des bâtiments ? Prof. Z. YOUNSI
10:30	10:45		COFFE BREAK
10:45	11:45	Keynote 4	Fire Safety and Industrial Challenges Prof. K. CHETEHOUNA
12:00	14:00		LUNCH BREAK
SESSIONS BY TOPICS			
14:00	16:00	Session7	Heat and mass transfer & Fluid mechanics
		Session8	Thermal characterization of materials & Measurements techniques
16:00	16:15		COFFE BREAK
16:15	17:15	Session9	Renewable energies and Energy efficiency in the building, industry and process
		Session10	Water resources, Climate change & Environment
17:30	18:00		CONGRESS CLOSURE
18:00	19:00		GENERAL ASSEMBLY: MEMBERS OF AMT

	FROM	TO	ID	AUTHOR	TITLE	SESSION
Tuesday 1st December, 2020 Chair : Pr S.HAYANI	14:00	14:10	6	Yasmine Rghif, Belkacem Zeghmami and Fatima Bahraoui	Numerical study of solet and dufour coefficients on heat and mass transfer in a salt gradient solar pond	session1
	14:10	14:20	10	Ismail Arroub, Ahmed Bahlaoui, Soufiane Belhouideg, Abdelghani Raji and Mohammed Hasnaoui	Heat transfer performance in a tilted cavity submitted to external flow of nanofluid	session1
	14:20	14:30	29	Lhachmi Khamar, Asmaa Hadane, Saad Benjelloun and Sara Oqaidi	Simulation of sulfur furnace combustion using cfd approach	session1
	14:30	14:40	51	Jamal Baliti	Rerefied gas flow in double-sided lid driven cavity	session1
	14:40	14:50	61	Marouan Nouni, Anas Bendaraa, Mira Ouhroum, Moulay Mustapha Charafi and Abdellatif Hasnaoui	Numerical Study Of Obstacles Effect on Natural Convection Inside Square Cavity: Lattice Boltzmann Method	session1
	14:50	15:00	68	Mira Ouhroum, Anass Bendaraa, Marouan Nouni, Moulay Mustapha Charafi and Abdellatif Hasnaoui	Numerical study of mixed convection in square cavity using lattice boltzmann method: cavity with many dispositions of obstacles	session1
	15:00	15:10	76	Raja Idlimam, Haytem Moussaoui, Mohamed Asbik, Abdellah Bah, Abdelkader Lamharrar	Using the analytical hierarchy process to select a suitable drying method for the dandelion leaves	session1
	15:10	15:20	87	Mohamed Loukili and Amine Bouaine	Numerical modeling of natural convection in a square cavity with sawteeth at the bottom	session1
	15:20	15:30	12	Rabia Ferhat, Ahmed Dellil, Kamal Hamidou and Youcef Attou	Investigation numérique et transfert thermique sur une paroi ondulée	session1
	15:30	15:35	7	Yamina Harnane and Sihem Bouzid	Rafraîchissement par ventilation naturelle traversante	session1
	15:35	15:40	24	Abdelhak Daiz, Ahmed Bahlaoui, Ismail Arroub, Abdelghani Raji, Mohammed Hasnaoui and Soufiane Belhouideg	Linearly heating effect on mixed convection of nanofluid in a vented horizontal cavity subjected to sucked flow	session1
	15:40	15:45	25	Hayat El Baamrani, Lahcen Bammou, Ahmed Aharoune and Abdallah Boukhris	Numerical study of evaporation of falling liquid film on vertical plate	session1
	15:45	15:50	58	Anass Bendaraa, Marouan Nouni, Mira Ouhroum, Mly Mustapha Charafi and Abdellatif Hasnaoui	The effect of higher conductive fins on natural convection in square cavity subjected to periodic temperature	session1
	15:50	15:55	59	Samy Alami, Mbarek Feddaoui, Nait Alla Abderrahman, Lahcen Bammou and Khalid Souhar	Étude numérique de l'évaporation par convection mixte d'un film turbulent ruisselant dans un tube verticale partiellement chauffé	session1
15:55	16:00	60	El Mehdi Berra, Mustapha Faraji and Hamza Faraji	Etude numérique avec la méthode de lattice boltzmann «lbm» du refroidissement d'un composant électronique: effet de l'angle d'inclinaison	session1	
Tuesday 1st December, 2020 Chair : Pr. R.SAADANI	14:00	14:10	1	Kamal Jemmad, Abdelhamid Hmidat and Abdallah Saad	Energy saving analysis of medical steam sterilizer	session2
	14:10	14:20	31	Oumayma Babaharra, Khadija Choukairy, Kaoutar Khallaki and Sanaa Hayani Mounir	The effect of glazing's types on annual consumption loads and comparison with thermal regulations	session2
	14:20	14:30	45	Fatima Zohra El Wardi, Soumia Mounir, Aziza Atbir, Abdelhamid Khabbazi and Khalid Ibaas	Effect of artificial porosity on the thermal behavior and the lightness of an eco-friendly building material based on clay and granular cork	session2
	14:30	14:40	65	Hafida Er-Rradi and Rachida Idchabani	A review of common building thermal insulation materials in morocco	session2
	14:40	14:50	86	Nabila Lahboubi, Fadoua Karouach, Bakraoui Mohammed, Hassan El Bari and Azzouz Essamri	Energetic potential of palm waste: empty fruit bunch	session2
	14:50	15:00	112	Mohamed Nfaoui, Mohamed Mejdal, Khalil El-Hami and Sanaa Hayani Mounir	Modeling, simulation and comparison of the photovoltaic productivity by using the matlab/pvsystem	session2
	15:00	15:10	113	Abdelkabar Zaitte, Nauoal Belouaggadia, Mohammed Ezzine, Rachid Lbibb, Cherifa Abid and Laidi Zahiri	Investigating the performance of a photovoltaic/thermal collector for night radiative cooling.	session2
	15:10	15:20	124	Hajar Benhmidou, Zaid Romani, Mohamed El Mankibi and Abdeslam Draoui	Wall insulation measures for residential building in morocco: a case study in energy efficiency	session2
	15:20	15:25	18	Khadija Zabor, M'Barek Feddaoui and Hicham Meftah	Numerical investigation of the conventional solar still under the weather conditions of agadir	session2
	15:25	15:30	36	Jbilou Mokhtaria	Opportunité d'utiliser un système photovoltaïque pour les sites isolés en algérie : application pour le stockage d'aliments à l'ozone	session2
	15:30	15:35	37	Abdelkader Lahcene and Abdel Ylleh Benazza	Etude expérimentale et numérique de l'effet des paramètres géométriques sur les performances d'une cheminée solaire	session2
	15:35	15:40	40	Kherris Sahraoui, Saidi Lilia, Mekroussi Said, Zebbar Djallel, Mebarki Brahim and Mostefa Kouider	Étude et dimensionnement d'un système d'irrigation solaire pour un champ agricole à tissemsilt	session2
	15:40	15:45	47	Cherki El Habli, Hicham Dahman, Amine Tabal, Adil Aboulkas and Khalifa El Harfi	Hydrothermal liquefaction of olive mill wastewater: influence of parameters on products yield	session2
	15:45	15:50	50	Mohamed Hissouf, Mbarek Feddaoui, Monssif Najim and Adil Charef	Performances assessment of a photovoltaic-thermal collector for domestic application in morocco	session2
15:50	15:55	54	Yassir Bellaziz, Laila Mandi, Ali Idlimam, Lahcen Boukhattem, Fatima Ait Noub, Abdessamad Hejjaj, Estiha Berrour, Naaila Ouazzani and Hamid Elmahmoudi	Etude expérimentale du séchage solaire des boues industrielles sous serre	session2	
15:55	16:00	62	Hicham Dahman, Cherki El Habli, Amine Tabal, Adil Aboulkas and Khalifa El Harfi	Valorisation énergétique des déchets plastiques par pyrolyse : production des combustibles	session2	

	FROM	TO	ID	AUTHOR	TITLE	SESSION
Tuesday 1st December, 2020 Chair : Pr. M.KADDIRI	16:15	16:25	23	Soufiane Nouari, Sakina Elhamdani, Abdlaziz Bendou and Elhafad Bara	Three-dimensional numerical simulation of mixed convection of nanofluid inside a double lid-driven differentially heated cavity	session3
	16:25	16:35	127	Amine Bouaïne and Mohamed Loukili	Numerical modeling of natural convection in cavity with h-form containing two adiabatic obstacles	session3
	16:35	16:45	129	Youssef Tizakast, Mourad Kaddiri, Lamsaadi, Makayssi and Hassan El Harfi	Effect of thermal rayleigh number on mixed convection heat and mass transfer correlations in shallow rectangular cavities with double-lid-driven boundaries filled with non-newtonian power-law fluids	session3
	16:45	16:55	135	Brahim El Moustaine, Abdelkhalek Cheddadi and Ahmed Idrissi	Opposite double diffusion convection in an annular cavity filled with a mixture of air and helium	session3
	16:55	17:05	139	Hamza Daghab, Mouarad Kaddiri, Said Raghay, Mohamed Lamsaadi and Hassan El Harfi	Numerical study of natural convection heat transfer for second-grade fluids confined in square cavity subjected to horizontal heat flux	session3
	17:05	17:15	144	Saidi and Amel Soukaina Cherif	Solutions of luikov's model of simultaneous heat and moisture transport in earth construction material	session3
	17:15	17:25	159	Nouredine Abouricha and Mustapha El Alami	Heat source size effect on heat transfer in a local heated from below at high rayleigh number	session3
	17:25	17:35	167	Zakariae Maatallah, Rachid El Amraoui and Hicham El Mehari	Numerical steady to investigate the performance of a micro-heat-pipe	session3
	17:35	17:45	14	Guessab Ahmed and Aris Abdelkader	Comparative study of three chemical kinetic mechanisms on a turbulent diffusion flame for the combustion of methane	session3
	17:45	17:50	71	Kherris Sahraoui, Mekroussi Said, Mebarki Brahim, Zebbar Djallel, Saidi Lilia and Abdelhamid Nadjwa	Étude numérique et analytique du profil de température dans une ailette a section uniforme	session3
	17:50	17:55	81	Said Bouchta and M'Barek Feddaoui	Numerical simulation of effect of magnetic field on natural convection of nanofluid in three-dimensional cavity	session3
	17:55	18:00	84	Kriraa Mounir, Ouabouch Omar and Ait Yassin Youssef	Mixed convection in a channel with obstacle supported two heat sources	session3
	18:00	18:05	92	Jamal Baliti	Convection naturelle dans une cavite avec une paroi partiellement chauffee par une temperature decroissante lineairement	session3
	18:05	18:10	98	Sibadi Cherkaoui and Mangoub Ghita	Transition en fonction du reynolds dans un fluide en écoulement dans une cavité carrée à paroi entraînée	session3
	18:10	18:15	107	Imene Bouchelkia, M'Barek Feddaoui, Youb Khaled Benkahla and Nabila Labsi	Wall protection enhancement, from hot gas stream by evaporating a binary liquid film	session3
	18:15	18:20	133	Anas El Amraoui, Cheddadi Abdelkhalek and Mohamed Touhami Ouazzani	Etude numérique de la convection naturelle laminaire dans une cavité cylindrique avec deux ailettes radiales attachées au cylindre intérieur	session3
18:20	18:25	155	Yassine Hrimech, Abdallah Saad and Moad Aboumalik	Conception d'un système solaire thermique ship pour les applications de construction d'enrobés bitumineux	session3	
18:25	18:30	174	Zahra Najam, Mustapha El Alami and Mostafa Najam	Etude expérimentale du comportement actif d'un local climatise munie de mur a double parois contenant du mcp au sein de la lame d'air du mur sud et ouest	session3	
Tuesday 1st December, 2020 Chair : Pr L.KHAMAR	16:15	16:25	8	Korti and Guellil	Effect of orientation of the heating surfaces of a square cavity on the process of melting paraffin	session4
	16:25	16:35	96	Souad Touairi, Ahmed Bouzid and Mustapha Mabrouki	Road handling of regenerative motorcycle suspensions and energy harvesting	session4
	16:35	16:45	130	Mustapha Ait Boukideur, Najim Selhaoui, Fatima Zahra Chrifi Alaoui and Ahmed Aharoune	Thermodynamic calculation of the ga-sm binary system	session4
	16:45	16:55	136	Abdelkarim Oukouiss, Aissam Chourak and Lahbib Zealouk	Isotropic-nematic transitions in fluids of hard spheres: van der waals theory	session4
	16:55	17:00	33	Ghizlane Mabchour and Khalid Saadouni	Daytime radiative cooling design with selective optical thin film	session4
	17:00	17:05	102	Kenza Oudaoui and Faraji Mustapha	Numerical simulation of the thermal storage using pcm in solar heat exchanger	session4
	17:05	17:15	4	Yassine Chbani Idrissi, Rafik Belarbi, Reda Allam, M'barek Feddaoui, Fares Bennai and Driss Agliz	Transferts de chaleur, d'air et d'humidité dans les matériaux de construction	session4
	17:15	17:25	13	Mohamed Abouelmajd, Ahmed Bahlaoui, Ismail Arroub, Manuel Lagache, Benachir El Hadadi and Soufiane Belhouider	Caractérisation de matériaux obtenus par la technologie d'impression 3d fdm (fused deposition modeling)	session4
	17:25	17:35	75	Amine Tabal, Cherki El Habli, Hicham Dahman, Adil Aboulkas and Khalifa El Harfi	Pyrolysis ficus wood using fixed-bed reactor	session4
	17:35	17:45	89	Ait Yassine Youssef, Kirraa Mounir and Saissi Soukaina	Effet des additions mineures de l'étain sur le durcissement des alliages pbcdsr	session4
	17:45	17:50	3	Omar Bajjou and Anass Bakour	Optical and structural properties of nanocomposite based on graphene with porphyrin	session4
	17:50	17:55	19	Hassane Mes-Adi, Khalid Saadouni and M'Hamed Mazroui	Molecular dynamics simulation of the deposition of cu film on si substrate	session4
	17:55	18:00	22	Khadjia Achgar, Lahoucine Gourdo, Najim Selhaoui, Fz Chrifi Alaoui, Mustapha Ait Boukideur and Ahmed Aharoune	The application of calphad method in the thermodynamic optimization of the thulium-copper-germanium ternary system	session4
	18:00	18:05	99	Sami A. S. Erchidi Elyacoubi, Rachid Masrour and A Jabar	Magnetic phase transition and magnetocaloric properties of perovskite magnetite	session4
	18:05	18:10	116	Said Belhamra, Rachid Masrour and A Jabar	Magnetic and thermodynamic properties of a mixed spin ferromagnetic: a monte carlo study	session4
	18:10	18:15	117	Youssef El Krimi, Rachid Masrour and A Jabar	Dependence of electronic structure and magnetic of fe2mnsi a full-heusler compound : first principles study	session4
18:15	18:20	175	Walid Abouloifa, Sanaa Hayani Mounir, Khalil El-Hami and Said Sghir	Valuation of clay from the former region of chaouia ouardigha as energy-efficient building materials	session4	
18:20	18:25	109	G Kadim, R Masrour and A Jabar	Photovoltaic properties of BiFeO3 perovskite	session4	
18:25	18:30	166	A Elmaazouzi, Rachid Masrour and A Jabar	Specific heat and magnetic proprieties of a nanonlayer spinel	session4	

	FROM	TO	ID	AUTHOR	TITLE	SESSION
Wednesday 2nd December, 2020 Chair : Pr. G.MANGGOUB	08:30	08:40	141	Zakaria Elmaazouzi, Ayoub Gounni, Mustapha El Alami, Massaab El Ydrissi and El Ghali Bennouna	Performance comparison of latent heat thermal energy storage in duplex concentric finned tube with different htf inlets	session5
	08:40	08:50	145	Hafid El Kharaz, Kaoutar Khallaki, M.Saddik Kadiri and Khadija Choukairy	Performance's improvement methods of PV solar panel by different cooling systems: A review of experimental and numerical studies	session5
	08:50	09:00	152	Ayman Benkaddour, Mustapha Faraji and Hamza Faraji	Numerical analysis of the thermal energy storage behavior of a novel composite pcm/concrete wall integrated solar collector toward the pcm position	session5
	09:00	09:10	171	Fatiha Berroug, Lakhel, Mohamed Elomari, Ouazzani, Mandi, Aitnough, Hejjaj, Bellaziz, Idlimam and Boukhattem	Thermal performance of sewage sludge drying under climate of solar greenhouse	session5
	09:10	09:15	66	Mustapha Elyaqouti, Jamal Chaoufi and Lahoucine Bouhouch	Modelisation du comportement thermique des generateurs photovoltaïques	session5
	09:15	09:20	69	Ahmed Lkouen, Ahmed Meskini and Abdelhamid Khabbazi	Simulation of thermal stress of clay based building materials	session5
	09:20	09:25	73	Saadaoui Driss, Elyaqouti Mustapha, Assalaou Khalid, Chaoufi Jamal and Bouhouch Lahoucine	Caracterisation electrique des generateurs photovoltaïques	session5
	09:25	09:30	77	Salma Lahmar, Rachida Idchabani and Mostafa Maalmi	Multi-objective optimization of windows system design based on surrogate model and genetic algorithm : a case study of buildings in fez, morocco	session5
Wednesday 2nd December, 2020 Chair : Pr. S.BELHOUIDEG	08:30	08:40	97	Ouabouch Omar, Kriraa Mounir and Lamsaadi Mohamed	A forced convection heat transfer of nanofluids in solar collectors: a survey of numerical studies	session6
	08:40	08:50	64	Missaoui Kolthoum, Frikha Nader, Gabsi Slimane and Kheiri Abdelhamid	Indigeneous fruits and vegetebales storage using continuous adsorption refrigeration: a system modelling	session6
	08:50	08:55	2	Ahmed Bouzid, Souad Touairi and Mustapha Mabrouki	The application of a data processing procedure of thermographic data to obtain information about the size and depth of imposed defects in a cfrp panel	session6
	08:55	09:00	11	Abderrahim Bazgaou, Hicham Fatnassi, Kabira Ezzaeri, Hayat El Baamrani, Ahmed Wifaya, Ahmed Aharoune and Lahcen Bouriden	Efficiency assessment of a solar heating cooling system applied to the greenhouse microclimate	session6
	09:00	09:05	17	Chadia Haidar, Rachid Boutarfa and Souad Harmand	Echanges de chaleur convectifs et écoulement dans l'entrefer d' une machine discoïde soumis a un jet	session6
	09:05	09:10	46	Abdelghani Boussetta, Anass Ait Benhamou and Amine Moubarik	Thermal characterization of lignocellulosic compound lignin obtained from sugar industry by-product.	session6
	09:10	09:15	63	Aicha Idoum, Lahcen Bammou, Ahmed Aharoune, Mohamed Errami and Rachid Tiskatine	Impact of agricultural biomass additives on the physical and thermal properties of clay bricks	session6
	09:15	09:20	173	Imane Bouchefra, Fatima Zahra El Bichri, Hassan Chehouani, Brahim Benhamou and Mohamed Ouikhalfen	Effect of cement on the thermal properties of compressed earth bricks	session6
Wednesday 2nd December, 2020 Chair : Pr.A.BAHLAOUI	14:00	14:10	52	Laouche Nassim and Korichi Abd Elkader	Ecoulement pulsée dans un canal vertical avec des sources de chaleur discrètes	session7
	14:10	14:20	53	Laouche Nassim and Korichi Abd Elkader	Convection mixte opposée dans un canal vertical avec des sources de chaleur discrètes	session7
	14:20	14:30	131	Youssef Tizakast, Mourad Kaddiri, Lamsaadi, Makayssi and Hassan El Harfi	Effect of lewis number on mixed double-diffusive convection in shallow rectangular cavities with double-lid-driven boundaries filled with non-newtonian power-law fluids	session7
	14:30	14:40	20	Amine Kacem, Ahmed Ould El Moctar and Brahim Bourouga	Etude experimentale de l'effet de l'agitation sur la cinetique de la trempe d'une piece metallique.	session7
	14:40	14:50	49	Karima Sellami, Nabila Labsi, Youb Khaled Benkahla, Mbarek Feddaoui, Monssif Najim and Amir Boussouf	Numerical analysis of the cooling performance of a wet porous evaporative cooler for building	session7
	14:50	15:00	57	Hamza Faraji, Mustapha Faraji, Mustapha El Alami, El Mehdi Berra, Adeel Arshad and Ayman Benkaddour	Combined effects of inclination and nanoparticles concentration on the thermal performance of a pcm-based heat sink	session7
	15:00	15:10	83	Siham Ajgoun, Rabha Khatyr and Jaafar Khalid Naciri	Heat transfer for viscous flow in curved elliptical tubes	session7
	15:10	15:20	104	Yassine Hariti, Ahmed Hader, Younes Hajji, Imad Achik and Yahia Boughaleb	Modelling of fluid flow in porous media: a langevin dynamics based approach	session7
	15:20	15:30	126	Manal Hariss, Ayoub Gounni and Mustapha El Alami	Simulation du processus de fusion d'un matériau à changement de phase à l'intérieur d'une enceinte rectangulaire à matrice métallique	session7
	15:30	15:35	158	Anayed Naima and Chaouachi Bechir	Modeling and simulation of the thermal behavior of an agricultural greenhouse heated by solar energy	session7
	15:35	15:40	162	Aris Abdelkader, Medjahed Driss Meddah and Guessab Ahmed	Etude d'un écoulement turbulent dans un diffuseur aérodynamique à géométrie variable - comparaison de modèles de turbulence	session7
	15:40	15:45	165	Amir Boussouf, Nabila Labsi, Mbarek Feddaoui, Youb Khaled Benkahla and Karima Sellami	Étude numérique de la condensation en film liquide dans une membrane le long d'un canal vertical	session7
	15:45	15:50	169	Amine Akka and Farid Benabdelouahab	Nanosatellite appropriate passive thermal analysis method	session7
15:55	16:10	143	Fida Zair, Mhamed Mouqallid and El Houssine Chatri	Numerical simulation of the dispersion of emissions from straight chimneys	session7	

	FROM	TO	ID	AUTHOR	TITLE	SESSION
Wednesday 2nd December, 2020 Chair : Pr. L. BOUKHATTEM	14:00	14:10	28	Fatima Zahra Chrifi Alaoui, Khadija Achgar and Mustapha Ait Boukideur	Calorimetric study of the compounds based on the al-ternary phases of the binary system ni-ti at 1073 k	session8
	14:10	14:20	74	Haytem Moussaoui	Thermodynamic analysis of water adsorption of taraxacum officinale' powder	session8
	14:20	14:30	105	Abalouch Ibtissam, Sakami Siham, Fatime Ezzahra Elabbassi and Lahcen Boukhatem	Thermal conductivity of modified concrete: substitution of sand by fine aggregates of glass waste	session8
	14:30	14:40	111	Ali El Kihel, Amar Bakdid, Hassan Gziri and Abdelkarim Nougaoui	Evaluation of thermal losses for welded structures by phased array and infrared thermography	session8
	14:40	14:50	120	Abdellah Mellaikhafi, Abderrahim Benallel, Amine Tilioua, Choukri Messaoudi, Fouad Moussaoui and Abdelhak Babaoui	Thermal study of environmentally-friendly thermal insulation material based on clay bricks reinforced by date palm fibers	session8
	14:50	15:00	123	Abderrahim Benallel, Abdellah Mellaikhafi, Amine Tilioua, Abdelhak Babaoui, Youssef Achenani and Fouad Moussaoui	Thermal characterization of insulating materials based on date palm particles and cardboard waste for use in thermal insulation building	session8
	15:00	15:10	132	Sara Ibn-Elhaj, Soumia Mounir and Abdelhamid Khabbazi	Measurement of thermal conductivity of reed and white cement	session8
	15:10	15:20	150	Mohamed Lahdili, Fatima-Ezzahra El Abbassi, Siham Sakami and Ahmed Aamouche	The improvement of mechanical and thermal behavior of local compressed earth blocks	session8
	15:20	15:30	26	Aicha Metehri and Boualem Serier	Effet du chargement thermique sur le comportement d'un matériau composite à matrice polymérique	session8
Wednesday 2nd December, 2020 Chair : Pr S.HAYANI	16:15	16:25	148	Khadija Oubella, Hind Mouhanni, Ali Idlimam and Haytem Moussaoui	Influence of drying temperature on the different thermodynamic parameters during the indirect convective solar drying of crocus sativus L. of morocco	session9
	16:25	16:35	172	Hassan Mahach and Brahim Benhamou	Analysis study for the design of an earth-to-air heat exchanger for low energy air cooling and heating of a school in desert climate	session9
	16:35	16:45	70	Djallel Zebbar, Samra Cheikh, Souhila Zebbar, Kouider Mostefa and Sahraoui Kherris	Thermodynamic analysis of solar stirling and brayton power plants	session9
	16:45	16:55	168	Hassan Mahach, Brahim Benhamou and Amin Bennouna	Long-term measurement of sub-soil temperature in hot semi-arid climate	session9
	16:55	17:00	94	Abdellah Tihane, Mohamed Boulaid, Ahmed Ihlal and M'barek Nya	Suivi experimental des performances annuelles des modules cigs et en silicium amorphe a agadir	session9
	17:00	17:05	110	Fatima Zahra El Bichri, Issam Sobhy, Imane Bouchefra, Brahim Benhamou, Hassan Chehouani and Oualid Mghazli	Impact d'un système de protection solaire des surfaces vitrées sur les performances thermiques de trois maisonnettes avec différentes enveloppes	session9
	17:05	17:10	115	Imane Echjijem and Abdelouahed Djebli	Design and optimization of horizontal axis wind turbine using blade element momentum method	session9
	17:10	17:15	118	Djallel Zebbar, Noura Rebah, Souhila Zebbar and Sahraoui Kherris	A new optimization criterion for an absorption-diffusion refrigeration plant	session9
	17:15	17:20	149	Brahim Nourdine and Abdallah Saad	A propos de la recuperation de la «chaleur fatale» des compresseurs d'air comprimé comme action d'efficacite energetique	session9
Wednesday 2nd December, 2020 Chair : Pr S.TOUIL	16:15	16:25	5	Taghlabi and Stour	Impact of networks sectorization on water pressure transient in pipelines – case study of casablanca city, morocco	session10
	16:25	16:35	128	Abdeslam Ait Elamki	Diagnostic approach of the drinking water network based on a hydraulic simulation model: case study of the pressure stage 85 of the greater casablanca (morocco)	session10
	16:35	16:45	138	Ibtissam Marsli, Mohammed Diouri, Azhare El Khabbouti and Hanae Steli	Optical properties of desert and urban aerosol	session10
	16:45	16:55	142	Hanae Steli, Mohammed Diouri, Ibtissam Marsli, Azhare El Khabbouti and Abdelmoula Ben-Tayeb	Aerosol optical properties and radiative forcing over three aeronet sites in morocco	session10
	16:55	17:05	170	Wissal Baite, Ahmed Boukdir and Mohamed Baite	Integrated management of irrigation water in the irrigated perimeter of tadla (morocco) and involvement of farmers in the aquifer contract	session10
	17:05	17:10	108	Insaf Nori, Salah Touil and Kaoutar Khallaki	Production of bioethanol from opuntia ficus-indica (L.) peels: A comprehensive review	session10
	17:10	17:15	156	Omar Ounas, Brahim Lekhlif and Jamal Jamal-Eddine	Immobilisation de photocatalysuer et optimisation pour la degradation de polluants organiques	session10
	17:15	17:20	160	Azhare El Khabbouti, Mohammed Diouri, Ibtissam Marsli, Hanae Steli and Rajae Meziane	Aerosol radiative forcing in coastal cities	session10
	17:20	17:25	85	Ouassila Salhi and Mohammed Diouri	Équilibre thermique du système terre-atmosphère , développement du modèle multi vitres	session10
	17:25	17:30	176	Abdelkader Lahlali, Zakaria El Maskaoui, Lahbib Boushine and Sara Borji	Nouveau concept d'un navire depollueur autonome et multi-missions	session10
	17:30	17:35	42	El Houssaine Bouras, Salah Er-Raki, Said Khabba and Lionel Jarlan	Using AquaCrop model to evaluate the impact of climate change on wheat grain yield and irrigation requirement in Tensift region of Morocco	session10
	17:35	17:40	16	Salah Er-Raki, Jamal Elfarkh, Jamal Ezzahar, Lionel Jarlon, Said Khabba and Abdelghani Chehbouni	Using shuttleworth-wallace model for evapotranspiration mapping over a complex agricultural landscape in morocco	session10