

The first International Conference on Energy, Thermofluids and Materials Engineering
1st ICETME 2021
18 – 20 December, 2021 (ONLINE Conference)

Program of the session

S5: Composite and Advance Materials

Organizer: Prof. Dr. Mohammad Lotfy Hassan- National Research Centre, Cairo (Egypt)

S6: Metallurgy and Materials

Organizer: Prof. Dr. Hiba Azzeddine - Université Mohamed Boudiaf, M'sila (Algeria)

S7: Materials Chemistry

Organizer: Prof. Dr. Zoulikha Charifi - Université Mohamed Boudiaf, M'sila (Algeria)

Session Chairs:

Prof. Dr. Mohammad Lotfy Hassan- National Research Centre, Cairo (Egypt)

Prof. D. Zakaria Boumerzoug - University of Biskra, Biskra (Algeria)

Dr. Mahdi Abdeddaim - University of Biskra, Biskra (Algeria)

Google meet link of the oral session:

<https://meet.google.com/sbc-dvws-pxc>

Oral session: Sunday 19th December 2021

[8:30 AM to 11:00 AM Algeria Time/ 13:30 to 16:00 BD Time]

Time	Session	Presenter	ID and Title
1 8:30am	S5	Prof.Dr. Adel Benchabane University of Biskra	Opening Speech by the Conference Chair
2 8:45 am	S5	Djamal Boualamallah University Djillali Liabes of Sidi Bel Abbes, SidiBel Abbes, Algeria .	ID #105 Title: Technology developments to produce FGM meterials Djamal Boualamallah

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ASPS - Biskra, Algeria

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3	9:00 am	S5	Md.Tanvir Hossain Dhaka University of Engineering & Technology (DUET), Bangladesh	ID #130 Title: A review on the prospective area for implementation of electrospinning technology: Perspective Bangladesh Md Tanvir Hossain , Nadim Mahmud , Md Abu Darda , Abdur Rahman Talha , Md Abu Asad
4	9:15 am	S5	Dr.Sihem Kadem Ecole Nationale Polytechnique d'Alger (ENP)	ID #232 Title: Valorization of sunflower oil and alfa fibers as natural resources in the synthesis of new biocomposites materials S.Kadem, R.Irinislimane, N. Belhaneche-Bensemra
5	9:30 am	S6	Dr.Siham KORICHE USTHB	ID #86 Title: On some microstructural parameters variation of Ni-W alloy processed by Groove Pressing Siham Koriche, Hiba Azzeddine, Saadia Boudekhani-Abbas, Anne-Laure Helbert, Francois Brisset, Thierry Baudin, Djamel Bradai
6	9:45 am	S6	Hamli Meryem University Belhadj Bouchaib, Ain-Temouchent, Algeria	ID #276 Title: Structural, Magnetic, and Band Structure Characteristics of the Half-Metal –Type Heusler Alloys Co 2TiGa and Co 2 TiGa0,5Sn0,5 Bensaide Djilali
7	10:00 am	S6	Slimane KHERIEF	ID #297 Title: Effect of Bark resin of Schinus molle on Inhibition Efficiency of X70 steel in 0.5M H ₂ SO ₄ acid solution H. Bentrah , M. Djellab , H. Taoui , A. Chala , B .Bouamra
8	10:15 am	S6	Bouzid Bouamra University Of Biskra	ID #310 Title: study on synergistic corrosion inhibition effect between halid ions and eco-friendly inhibitor on X70 pipeline steel in sulfuric acid solution M.Bouzid Bouamra,M.Mounir Djellab, M.Hamza bentrah, M.Hicham Taoui, M.Abdelouahed Chala, M.Sliman Kherief.
9	10:30 am	S7	Dr. Hassiba Bessaha High School of Agronomy, Mostaganem, Algeria	ID #122 Title: Adsorption study of blue brilliant R by a prepared zinc aluminium layered double hydroxydes. BESSAHA Hassiba, BOURAADA Mohamed
10	10:45 am	S7	Dr. Behissa Souad Laghouat University	ID #143 Title: Washing effect on thermal behavior of low density polyethylene films naturally weathered in Algerian sub-Saharan B.Souad,B.NourelHouda,C.Salem Fouad,S.Mohamed
11	11:00 am	S5	Melle Bennaceur Hadjar	ID #48 Title: Study and comparison of the damage of a unidirectional composite for different types of natural fibers
12	11:150 am	S5	Ms. Nourelhouda Lemita Larbi Tebessi University	ID #187 Title: Influence of alkaline treatment time on the physical and morphological properties of a new fibre of a banana tree species

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Poster session: Sunday 19th December 2021

[From 11:30AM to 12:30PM Algeria Time/ 16:30 to 17:30 BD Time]

Session	Presenter	ID, Title, Authors, Goggle Meet link
1 S5	Dr.TRIAKI Mounia University of Boumerdes	ID #34 Title: Improvement of the thermal properties of polypropylene nanocomposites by the valorization of Algerian nanoclay M. TRIAKI , A. BENMOUNAH https://meet.google.com/myz-buvr-hqj
2 S5	Mr. Abdellah Reguieg Yssaad Structurs and Advanced Materails in Civil engineering and Public Works Laboartory, Sidi Bel Abbés, Algeria.	ID #62 Title: Comparative study (analytical approach/finite element method) of carbon nanotube reinforced composites beams during an instability R Y. Abdellah, C. Mohamed , K. Baghdad https://meet.google.com/ibr-jimt-mmm
3 S5	Metehri Aicha University of Sidi Bel Abbes	ID #168 Title: Evaluation of residual stresses in long fibre composite materials A. Metehri, B. Serier https://meet.google.com/xvg-bhgb-pcm?pli=1&authuser=0
4 S5	Dr. Meftah Nassima El-Oued University	ID #280 Title: The physicochemical characterization of Algerian Sahara sand and its industrial applications. M. Nassima and H. Amina https://meet.google.com/des-yvf-qcn
5 S5	Faiza Khalid University of Batna 2 Mostefa Ben Boulaid, Algeria.	ID #333 Title: A study of the Mechanical Behavior in Bending of Sandwich Composite Beams F. Khalid, M. Rabah, A. Faris, R. Amar, Z. Raouia
6 S5	Boucheta Abderrahmane Univ.Béchar	ID #334 Title: Free vibration Analysis of power law graded material beam Boucheta Abderrahmane , Bouazza mokhtar , Becheri Tawfiq https://meet.google.com/pvj-mhjp-cwt
7 S5	Dr.Slimane Merdaci University Djillali Liabés of Sidi Bel Abbes, Algeria.	ID #364 Title: Analysis of advanced composite plates porous "Case of functionally graduated plates FGP" Slimane Merdaci, Adda Hadj Mostefa , Otmane Zerrouki , Anes Merazi , Elias Abbes El Mahi https://meet.google.com/yhf-tcst-yyy
8 S6	Dr. Abdelkader Hanna Mohamed Boudiaf University – Msila	ID #36 Title: Hot deformation behavior and recrystallization kinetics of as-cast Mg-RE alloy Hanna, A., Guerza-Soualah, F., Azzeddine, H., Helbert, A.-L., Brisset, F.,

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		Baudin, T., Bradai, D. https://meet.google.com/mtc-tmfe-aiu
9	S6	Dr. Sabrina Roguai Université Abbes Laghrour, Khencela, Algérie ID #87 Title: Cu-doped ZnO thin films for photovoltaic applications S. Roguai, A. Djelloul https://forms.gle/TShmp11fsLv8bQWE8
10	S6	Dr. Sabrina Roguai Université Abbes Laghrour, Khencela, Algérie ID #89 Title: Structural and microstructural, properties of ZnO, Zn0.90Co0.05M0.05O (M= Na, Al, Cd, Cu) thin films by ultrasonic spray pyrolysis S. Roguai, A. Djelloul https://forms.gle/TShmp11fsLv8bQWE8
11	S6	Dr. Sabrina Roguai Université Abbes Laghrour, Khencela, Algérie ID #94 Title: Solvent effect on the Band gap energy of SnO2 Thin films by Spray Pyrolysis technique and Spectroscopic properties. S. Roguai, A. Djelloul https://forms.gle/TShmp11fsLv8bQWE8
12	S6	Wissam TAYEB HALAIS Université 8 mai 1945 Guelma ID #120 Title: Spin orbit studies of Electronic Structural and Elastic properties of MgO Oxide TAYEB HALAIS Wissam, CHETTIBI Sabah https://meet.google.com/ngj-cbed-pdi
13	S6	MS.Dounia Ikram Sengra Zian Achour University of Djelfa , Algeria ID #157 Title: Optimization of a NiO thin layer obtained by electrodeposition for applications in photovoltaic system S. Dounia Ikram ,K. Meriem, N. Abdelkrim , S. Noureddine ,B. Okba , Ch. Lamia , M. Omar https://meet.google.com/qay-dset-uqf
14	S6	Dr.Assia MAAZOUZI University of Mostaganem, Algeria ID #190 Title: Removal of Cd(II), Al(III) and Pb(II) via a natural biosorbent A. MAAZOUZI; N. LARBI ; H. AGUEDAL; D.R. MEROUANI; A. KHELIFA https://meet.google.com/nvo-suan-wgp
15	S6	Dr. Ghania Benchabane Université de Biskra, Biskra, Algeria ID #194 Title: Texture analysis in a cold rolled and annealed copper G. Benchabane, H. Azzeddine, D. Bradai, Z. Boumerzoug https://meet.google.com/sac-ddti-whn
16	S6	Dr.Ouarda Benamara University 8 Mai 45 Guelma, Algeria ID #221 Title: Structurales, magnetics and magneto-opticals properties of PdM (M=Fe, Ni) , A first principle calculation Ahmed Boufelfel https://meet.google.com/sis-yghy-bdk

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17	S6	Mr. Tahar Mansouri University amar telidji laghouat	ID #224 Title: The effect of plastic deformation in the domain ($\alpha+y$) on the mechanical and structural characteristics of dual-phase steels X70 T. Mansouri, S. Zidelmel, O. Allaoui https://meet.google.com/kja-zuak-wot
18	S6	Bendjeroudib Chafia University of Tebessa, Algeria	ID #248 Title: Effect of grain size on physical properties of thin film Fe/Ag Bendjeroudib Chafia, Mohamed Amine Tag, Radhia Boukhalfa https://meet.google.com/tgb-rnoa-epm
19	S6	Mr.mimoune derrez University Badji-Mokhtar, Annaba, Algeria	ID #271 Title: thermomechanical behavior of metallic materials M.Derrez ,Zaaf Mohamed,Traiaia Noura https://meet.google.com/uac-aufn-zza
20	S6	Asma Kadri University of Science and Technology of Oran -USTO- Mohamed Boudiaf, Oran, Algeria	ID #279 Title: Structural, magnetic and electronic properties of binary rare earth nitrides materials: First Principle A KADRI, S.HIADSI, M. ELCHIKH https://meet.google.com/hpc-xxbc-nky
21	S6	Dr. Boucif Benichou Hassiba Benbouali of Chlef	ID #299 Title: Structural, Elastic, Mechanical, Electronic and Magnetic Properties of Ternary Heusler Alloys Pd2MnZ (Z = Ga, As) : Ab initio Study B. Benichou, H. Bouchenafa, Z. Nabi, B. Bouabdallah, K. Razim, S. Nedjari https://meet.google.com/ixv-uswn-tux
22	S7	Mr. Muhamad Sharul Nizam Bin Awang Universiti Malaya, Kuala Lumpur, Malaysia	ID #21 Title: Kinetic studies on the pyrolysis of carpet waste from automotive industry combining both model-fitting and model-free methods M. S. N. Awang, N. W. M. Zulkifli, A. N. Roslee, M. M. Abbas, S. A. Zulkifli, M. N. A. M. Yusoff, M. H. Ahmad, M. Mazlan, W. M. A. W. Daud, N. S. S. Ambarwati https://meet.google.com/jjj-xhvg-yvg
23	S7	Dr. Benalioua bahia University of Mostaganem	ID #159 Title: Enhanced photocatalytic degradation of pollutant organique with a new semiconductor under visible light C. Mohamed, B. Imane, M. Meriem, M. Kada, B. Abdelhadi
24	S7	Abd El Karim MAZIZ Université Oran 1 Ahmed Ben Bella, Oran, Algérie	ID #223 Title: CO2 adsorption over hierarchical MOR zeolite synthesized using novel organic template Nadjat CHOUAT, Boumediéne BENSAFI, Fatiha DJAFRI https://meet.google.com/ruy-otvt-phn
25	S7	Sabrina Hebboul University of Kasdi Merbah Ouargla, Algeria	ID #283 Title: The effect of temperature on interaction parameters for Phase Equilibria of Ternary Liquid-Liquid Systems (water +butanoic acid+ dibutyl ether)

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			Modeling with NRTL using PSO M. Korichi, A. Hebboul https://meet.google.com/fmw-qgvf-jgr
26 S7	Dr. Bahia Messai Mohamed Khider University of Biskra . Algeria	ID #308	Title: Synthesis and characterization of compounds of the fluoroperovskite KMgF ₃ family B. Messai, R. Makhlofi http://meet.google.com/dkt-aymr-ucb
27 S7	Ms. Lina BEGHDADI Université de Biskra, Algeria	ID #358	Title: Mechanical properties of antimony glasses contain potassium oxide L. BEGHDADI, N. GUESMIA, M. HAMZAoui, M-A. MELHEGUEG https://meet.google.com/fep-eiaz-zhm

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