

Day 2: November 13, 2019

10:30 - 11:30

Poster Session II (Salle - RDC)

TOPIC 1

Nanomaterials, Nanotechnology and Emerging Smart Materials



INTERNATIONAL SYMPOSIUMS SUSTAINABLE DEVELOPMENT, ISMSD2019/ Boumerdes- Algeria, 12 -14 November 2019

Chairman:

N° :	Ref. ID	Author	TITLE	Affiliation
1.	282520	Benyoub Nassima	SYNTHESES AND MODIFICATIONS OF HYBRID MESOPOROUS MATERIALS: APPLICATION TO THE DEPOLLUTION OF WASTEWATER OF PHARMACEUTICAL INDUSTRIES AND HOSPITAL DISCHARGES	Univ Oran (ALG)
2.	282669	Salima Hocine	SYNTHESE AND CHARACTERIZATION OF PVA-G-AA-POLY(AA-CO-AMPS) / MMT SUPERABSORBENTHYDROGEL	Univ Boumerdes (ALG)
3.	282746	Benmansour Leila Djazia	NONLOCAL ELASTICITY EFFECT ON VIBRATION CHARACTERISTICS OF PROTEIN MICROTUBULES	Univ Sidi Bel Abbes(ALG)
4.	282753	Benmansour Leila Djazia	ASPECTS BIOPHYSIQUES DES VAISSEaux SANGUINS : CAS DE LA STABILITÉ DES ARTÈRES	Univ Sidi Bel Abbes(ALG)
5.	282944	Aissi Naima	PREPARATION AND SWELLING BEHAVIOR OF NANOCOMPOSITE BIOFILMS ALGINATE DE SODIUM / KAOLINITE	Univ of Boumerdes (ALG),
6.	282967	Selmane Naceur	STRUCTURAL AND OPTICAL PROPERTIES STUDY OF ZNO NANOCOMPOSITES ELECTRODEPOSITED ON POROUS SILICON SUBSTRATES	Univ de Setif , Algeria
7.	283097	Alaounia Nadjette	Study of the photocatalytic degradation of organic pollutants using two types of titanium dioxide-based catalyst	Univ Annaba (ALG)
8.	283104	Seray Manel	Comparative investigation on Mechanical and release properties of binary PBAT/ZnO and ternary PBAT/ZnO/C30B nanocomposites films	USTHB (ALG)
9.	283119	Kennour Sadia	INFLUENCE DE LA TEMPERATURE DE FRITAGE SUR LES PROPRIETES DIELECTRIQUES, FERROELECTRIQUES ET PIEZOELECTRIQUES DU MATERIAU CERAMIQUE DE COMPOSITION (Na _{0,5} Bi _{0,5}) _{0,94} Ba _{0,06} TiO ₃	Univ Tizi Ouzou (ALG)
10.	283194	Souad Hamzi	VISCOELASTICITY THEORY FOR BENDING ANALYSIS OF FG NANO-PLATE	Univ of Mascara (ALG)
11.	283195	Fatiha Bedhouche	EFFECTS OF RARE EARTH (Ce, Er, Eu) DOPING ON STRUCTURAL AND OPTICAL PROPERTIES OF ZnO AEROGELS SYNTHESIZED IN SUPERCRITICAL ISOPROPANOL	Univ Bejaia (ALG)
12.	283263	Mahdi Billal	SYNTHESIS AND CHARACTERIZATION OF POLY (VINYL ALCOHOL)/SILICA NANO-TITANIUM DIOXIDE (PVA/SiO ₂ -TiO ₂) HYBRID NANOCOMPOSITES FILMS PREPARED BY SOL-GEL METHOD: EFFECT OF NANO-TiO ₂ ON THE PROPERTIES OF SILICA/POLYVINYL ALCOHOL BLEND FILMS	Univ Setif , (ALG)
13.	283288	Idda Ahmed	DESIGN OF MULTI-BAND GAP ABSORBER LAYER FOR SINGLE-JUNCTION α-Si:H SOLAR CELL	Univ Béchar, (ALG)
14.	283289	M'hand Oughanem	SYNTHÈSE ET CARACTÉRISATION DES NANOCOMPOSITE DE BiFeO ₃ , APPLICATION A LA DETECTION DE L'ÉTHANOL	Univ Tizi Ouzou (ALG)
15.	283292	Malika Saidi	ÉTUDE DE L'EFFET DU BROYAGE SUR LA DENSIFICATION ET LES PROPRIÉTÉS ÉLECTRIQUES DU MATÉRIAU CÉRAMIQUE SANS PLOMB DE TYPE [(Na _{0.535} K _{0.480}) _{0.966} Li _{0.058}](Nb _{0.90} Ta _{0.10})O ₃ ÉLÉBORÉ PAR VOIE SOL GEL	Univ Tizi Ouzou (ALG)
16.	283335	Khlar Chahinaz	GREEN AND CLEAN ALUMINA SUPPORTED IRON CATALYSTS FOR BIGINELLI REACTION	Univ Tizi Ouzou (ALG)
17.	283354	Kemiha Adel	Correlation between conductivity and optical properties of polycrystalline silicon films prepared by low pressure chemical vapor deposition	Univ Jijel (ALG)
18.	283395	Dali Nacer	ADSORPTION OF ACID DYE USING MODIFIED BENTONITES SORBENTS	Univ Mascara (ALG)
19.	283403	Hadji Fatah	MICROSTRUCTURE DE DEUX DIFFERENTES POUdRES TYPE Al ₂ O ₃ OBTENUE PAR VOIE SOL-GEL	Univ Bejaia (ALG)
20.	282520	Benyoub Nassima	SYNTHESES AND MODIFICATIONS OF HYBRID MESOPOROUS MATERIALS: APPLICATION TO THE DEPOLLUTION OF WASTEWATER OF PHARMACEUTICAL INDUSTRIES AND HOSPITAL DISCHARGES	Univ Oran (ALG)

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TOPIC 2

Cementitious materials and Materials Properties



INTERNATIONAL SYMPOSIUMS SUSTAINABLE DEVELOPMENT, ISMSD2019/ Boumerdes- Algeria, 12-14 November 2019

Chairman:

N° :	Ref. ID	Author	TITLE	Affiliation
1.	281305	Aguib Salah	Identification of intelligent composite materials properties in shear mode	Univ Boumerdes, (ALG)
2.	281815	Touazi Souad	CORROSION OF ZN-MN ALLOY COATING IN CHLORIDE CONCRETE PORE SOLUTION	NPS (ALG)
3.	281899	Boudjema Souheyla	ETUDE DES PHENOMENES DE CORROSION DES PIPES API N80 EN PRESENCE D'UN GRADIENT DE TEMPERATURE ET EN MILIEU DE L'EAU ALBIEN	Univ Tlemcen, (ALG)
4.	282149	Drai Abdelali	FABRICATION D'UNE ÉLECTRODE A BASE DE SOUFRE POUR LES BATTERIES LI/S	Univ Mascara, (ALG)
5.	282374	Sweiti Ahmed	Valorization of dam sediments in the development of Portland cement: Effect of treatment mode	Univ Jijel, (ALG)
6.	282568	Zohra Mostefa	TRANSFORMATION MARTENSITIQUE DE L'ALLIAGE QUATERNAIRES DE TYPE HEUSLER Co ₂ XAs (X=Ti, Fe).	Univ Mostaganem (ALG)
7.	282592	Hichem Alioui	CRITICAL STUDY ON THE EFFECT OF ACTIVATOR TYPE, NAOH CONCENTRATION AND SODIUM SILICATE RATION ON THE FRESH AND MECHANICAL PROPERTIES OF BLAST FURNACE SLAG-BASED GEOPOLYMERS.	Univ Jijel, (ALG)
8.	282661	Souad Belkaid	GARLIC EXTRACT AS AN ENVIRONMENTALLY CORROSION INHIBITOR OF API X60 CARBON STEEL AND 316L STAINLESS STEEL IN SULFURIC ACID	Univ Boumerdes, (ALG)
9.	282698	Chérifi Nedjema	LA SYNTHÈSE DE M-DINITROBENZÈNE ET L'ÉTUDE DE SON EFFET INHIBITEUR SUR LA CORROSION DE L'ACIER X42 DANS L'EAU D'ALBIEN	Univ Biskra. (ALG)
10.	282765	Safer Omar	EFFECT OF CHORFA DREDGED SEDIMENTS ON THE MECHANICAL STRENGTHS AND CAPILLARY ABSORPTION OF COMMON CONCRETES.	Univ Mostaganem, (ALG)
11.	282895	Daoud Loubna	SYNTHESIS, CHARACTERIZATION, AND SWELLING BEHAVIOR OF pH RESPONSIVE CARBOXYMETHYL CELLULOSE-G-POLY (ACRYLAMIDE-CO-MALEIC ACID) HYDROGELS	USTHB, (ALG)
12.	282906	Laidani Zine El Abidine	USE OF THERMALLY ACTIVATED BENTONITE AS SUPPLEMENTARY CEMENTITIOUS MATERIALS: EFFECT ON SELF-COMPACTING MORTAR	Univ Laghouat (ALG)
13.	282939	Khaled Boulaiche	THE EFFECT OF DEFLOCCULANT TYPE ON THE RHEOLOGICAL PARAMETERS OF A CASTING SLIP CONTAINS ALHADJAR BLAST FURNACE SLAG FOR SANITARY CERAMICS	Univ Jijel, (ALG)
14.	282956	Belkacem Benaissa	PHYSICO-CHEMICAL CHARACTERISTICS OF DJEBEL ONK PHOSPHATE ORE BY DIFFERENT METHODS	University, Oum El Bouaghi (ALG)
15.	283016	Rihia Chafer	THE BEHAVIOR OF A HIGH-STRENGTH CONCRETE BASED ON RECYCLED WASTE	Univ Skikda (ALG)
16.	283018	Chenine Djohar	AB-INITIO INVESTIGATIONS OF STRUCTURAL, THERMOELECTRIC PROPERTIES OF PROMISING HALF-METALLIC FERROMAGNETISM FLUORO-PEROVSKITE NACOF3	Univ Mostaganem, (ALG)
17.	283025	Bentata Rachida	AB-INITIO CALCULATIONS OF A NEW HALF METALLIC HEUSLER ALLOY Ru ₂ MoSb	Univ Mostaganem, (ALG)
18.	283049	Ezzroug Kaouther	OPTIMISATION OF THE PREPARATION CONDITIONS OF THE HYDROGELS BASED ON OSA STARCH/GELATIN	LAFPC (ALG)
19.	283064	Korteby Abdelkarim	ETUDE DE L'INFLUENCE DES CARACTERISTIQUES DES GRANULATS LOCAUX SUR LES PERFORMANCES DU BETON AUTOPLAÇANT (GRANULATS DE LA REGION DE MEDEA)	Univ CHLEF, (ALG)
20.	283074	Nouioua Asma	STUDY OF XANTHATE (KAX) ADSORPTION ON GALENA	Univ Biskra (ALG)

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TOPIC 3

Renewable energy, development sustainable, Recycl. and Env.



INTERNATIONAL SYMPOSIUMS SUSTAINABLE DEVELOPMENT, ISMSD2019/ Boumerdes- Algeria, 12-14 November 2019

Chairman:

N° : Ref. ID	Author	TITLE	Affiliation
1. 281923	Djema Fatma	REMOVAL OF ORGANIC POLLUTANTS FROM WASTEWATER USING GAMMA RADIATION	CRN (ALG)
2. 281926	Benoudjit Fouzia	EXTRACTION AND CHARACTERIZATION OF ESSENTIAL OIL AND HYDROLATE OBTAINED FROM AN ALGERIAN LEMONGRASS (CYMBOPOGON CITRATUS)	Univ Boumerdes (ALG)
3. 281961	Tireche Sihem	LIFE CYCLE ASSESSMENT AS AN ENVIRONMENTAL SOLUTION IN THE PRODUCTION OF GALVANIZED TUBES	Univ Boumerdes (ALG)
4. 282141	Bouranene Saliha	STUDY OF THE STABILITY OF A WATER-IN-OIL EMULSION INTENDED FOR THE EXTRACTION OF HEAVY METALS	Univ Souk-Ahras (ALG)
5. 282334	Boudaoud Asma	STRUCTURAL AND MORPHOLOGICAL CHARACTERISTICS OF ALGERIAN PALM FIBERS FOR BIOTECHNOLOGY APPLICATIONS	Univ Laghouat (ALG)
6. 282369	Djaoui Souad	METAL-ORGANIC FRAMWORKS (MOFs): ADVANCED TECHNOLOGY OF ARCHITECTURAL INSTABILITY AGAINST MOISTURE	Univ Boumerdes (ALG)
7. 282454	Mustapha Zebboudj	Design and realization of a small biomass boiler for the production of hot water	Univ Boumerdes (ALG)
8. 282679	Hayoune Fouzia	ELABORATION AND STUDY OF THE HYBRID BLENDS PP / PP-G-MAH / PLA / PRO-OXIDANTS: THE EFFECT OF PRO-OXIDANTS ON THERMAL, MECHANICAL AND RHEOLOGICAL BEHAVIOR	ENP (ALG)
9. 282680	Bouranene Saliha	STUDY OF THE INFLUENCE OF THE OPERATING PARAMETERS ON THE ADSORPTION OF A DYE BY A BIOMATERIAL	Univ Souk-Ahras (ALG)
10. 282738	Hassina Boussak	TREATMENT OF A PETROLEUM OIL DISCHARGE OF HASSI R'MEL BY A FOOD WASTE AND MAGHNIA CLAY	Univ Boumerdes (ALG)
11. 282793	Tadmourt Wahiba	SECOND GENERATION ETHANOL PRODUCTION FROM WASTE PAPER	ENP (ALG)
12. 282795	Brahim Ferhat	EXPERIMENTAL STUDY AND MODELING OF A FALLING PARTICLE RECEIVER FOR A SOLAR POWER PLANT WITH ENERGY THERMAL STORAGE	Univ Boumerdes (ALG)
13. 282896	Khelil Sara	BIOMIMICRY FOR SUPPORTING THE DESIGN OF RENEWABLE ENERGY SYSTEMS AND SUSTAINABILITY IN HOT AND ARID REGIONS	Univ Guelma (ALG)
14. 282916	Iguercha Amina	RECUPERATION D'ÉNERGIE DE LA STATION DE TRAITEMENT LAKHDARIA POUR LA PRODUCTION D'ÉLECTRICITÉ	Univ Boumerdes (ALG)
15. 282952	Yacine Celia	EFFECT OF WATER AND TEMPERATURE IN RHEOLOGICAL BEHAVIOR OF CRUDE OIL	USTHB, (ALG)
16. 282970	Sami Chaabani	Numerical analysis of the effect of reinforcement in the increase of the bearing capacity of the soil.	Univ Biskra (ALG)
17. 282987	Ahlem Aidaoui	SALTING EFFECT OF POTASSIUM CHLORIDE (KCl) ON THE RECOVERY OF ETHANOL FROM AQUEOUS SOLUTIONS	Univ Biskra (ALG)
18. 283000	Bouguermouh Karima	PREVENTING INDUSTRIAL WASTES (Pb, Zn) RELEASE TO THE ECOSYSTEM USING GEOPOLYMERS AS SUSTAINABLE MATERIALS	Univ Bejaia (ALG)
19. 283004	Haddad Fatima	COMPARAISON DES RESISTANCES MECANIQUE DES PATES DE CIMENT AVEC DIFFERENTES SUBSTITUTION DE CENDRE DES MEDICAMENTS PERIMES A GRANULOMETRIE 80µM ET 40 µM	Univ Boumerdes (ALG)
20. 283007	Mahdi Sarra	INFLUENCE OF SOIL TYPE (M'SILA DISTRICT) ON LEGUMES CROPS; IRRIGATED WITH PURIFIED WATER FROM URBAN WASTEWATER TREATMENT PLANT	Univ Boumerdes (ALG)
21. 285267	Boukhelkhal Aboubakeur	EVALUATION DE LA FLUIDITE ET DU COMPORTEMENT RHEOLOGIQUE DES MORTIERS AUTOPLAÑANTS ELABORES AVEC DES CIMENTS TERNAIRES A FAIBLE IMPACT ENVIRONNEMENTAL	Univ Laghouat, (Algeria)

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TOPIC 4

Materials Manufacturing and Processing



INTERNATIONAL SYMPOSIUMSUSTAINABLE DEVELOPMENT, ISMSD2019/ Boumerdes- Algeria, 12-14 November 2019

Chairman:

N°	Ref.ID	Author	TITLE	Affiliation
1.	282954	Chérifi Nedjema	ETUDE METALLOGRAPHIQUE D'UN JOINT SOUDE D'AL 1050A SOUS L'EFFET THERMIQUE	Univ Biskra (ALG)
2.	283012	Boukelouche Issam	Comportement tribologique d'un dépôt d'alumine Al ₂ O ₃ obtenu par projection thermique à flamme-fil	Univ Bejaia, (ALG)
3.	283039	Alioui Sara	Corrosion and Tribological Behavior of Ni -base Thermal Spray Coating deposited on Z200C12 steel.	Univ Annaba (ALG)
4.	283210	Bouttout Abdelouahab	MEASUREMENT OF ACOUSTIC TRANSMISSION WAVE IN FLOOR OF BUILDING WITH RESILIENT MATERIAL	NCSIRBE (ALG)
5.	285629	Bedoud Khouloud	TiO ₂ NANO-FILMS MORPHOLOGY	CRTI Cheraga (ALG)
6.	283692	Ben Mohamed Manel	EFFECT OF DEFERENT ANODIZING BATH ON IMPROVING THE CORROSION RESISTANCE OF A 2024 ALUMINUM ALLOY	Univ ,Boumerdes (ALG)
7.	283783	Madi Rafik	COMPLIANCE WITH RPA OF AN OLD BUILDING	Univ Guelma, (ALG)
8.	283818	Ziane Samira	BINARY ADSORPTION OF ANIONIC DYES BY MODIFIED DOLOMITE FROM SYNTHETIC SOLUTION : EQUILIBRIUM AND THERMODYNAMIC STUDIES	LSDAMM, (ALG)
9.	283874	Alimi Latifa	STUDY OF THE MECHANICAL STRENGTH OF A COMPOSITE CARBON/PERLON/EPOXY USED IN THE MANUFACTURE OF ORTHOPEDIC PROSTHESIS.	Univ Annaba (ALG)
10.	284173	Ayadi Aicha	TEMPERATURE EFFECT OF ELASTIC INTERACTION BETWEEN DISLOCATIONS AND GRAIN BOUNDARY	Univ Constantine (ALG)
11.	284229	Meloussi Mounir	3D XFEM simulation of the impact of crack size and crack orientation variation in carbon fiber composite	Univ ,Boumerdes (ALG)
12.	284251	Boumediri Haithem	STATISTICAL ANALYSIS OF THE TENSILE PROPERTIES OF FIBER STRAND AND VASCULAR BUNDLE EXTRACTED FROM DATE PALM RACHIS	Univ Guelma, (ALG)
13.	284273	Balamane Manel	Synthesis and morphology of thermosensitive hydrogels PNIPAM / Alginate / MAA and the effect of crosslinking ratio on their swelling behavior.	Univ ,Boumerdes (ALG)
14.	284356	Bouchama Abdelghani	HETEROGENIOUS RING OPENING COPOLYMERIZATION OF ε-CLAPROLACTONE WITH STYRENE OXIDE USING A PROTON EXCHANGED MONTMORILLONITE CLAY	Univ Mostaganem (ALG)
15.	284375	Mohamed Boudaoud	THE INFLUENCE OF NAOH CONCENTRATION ON THE MECHANICAL PROPERTIES OF IRON SLAG-BASED GEOPOLYMER PASTE	Univ ,Boumerdes (ALG)
16.	284380	Safi Khaoula	MODILISATION DE L'EFFORT DE COUPE ET DE LA PUISSANCE CONSOMMEE LORS DU TOURNAGE DE L'ACIER AISI D3 EN UTILISANT LES METHODES RSM ET ANN	Univ Guelma, (ALG)
17.	284397	Sara Hamiouda	SYNTHESIS AND EMULSIFYING PROPERTIES ASSESSMENT OF NEW HYDROPHOBICALLY MODIFIED DERIVATIVES OF XANTHAN GUM	Univ , Medea, (ALG)
18.	284446	Rekaik Mouna	Study of the material Nd _{1.98} Sr _{0.02} Ni _{0.99} Co _{0.01} O ₄ as cathode for the oxygen reduction reaction.	Univ Jijel (ALG)
19.	284492	Bordj Sabrina	SYNTHESE ET CARACTERISATION THERMIQUE ET STRUCTURALE DES VERRS OXYFLUORES DOPES GADOLINIUM	Univ , Annaba (ALG)
20.	284516	Younes Belbellaa	MINIMISATION DE LA RUGOSITE DE SURFACE ET MAXIMISATION DE VOLUME DE COUPEAU ENLEVE LORS DE L'USINAGE D'UN ALLIAGE DE TITANE Ti-6Al-4V	Univ , Guelma, (ALG)