

Day 1: November 12, 2019

14:00 - 15:00

Poster Session I (Salle - RDC)

TOPIC 1

Nanomaterials, Nanotechnology and Emerging Smart Materials



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

Chairman:

N° :	Ref. ID	Author	TITLE	Affiliation
1.	266582	Boumezoued Amal	MICROSTRUCTURAL, MORPHOLOGICAL, ELECTRICAL AND OPTICAL PROPERTIES OF PURE AND Mg DOPED ZnO THIN FILMS	Univ,Oum El Bouaghi , (ALG)
2.	267267	Lefnaoui Sonia	BIOPOLYMERS-BASED THIN FILMS AS AN EMERGING PLATFORM FOR ANTIHYPERGLYCEMIC DRUG DELIVERY	Univ of Medea (ALG)
3.	269943	Mouchaal Younes	NEW TRANSPARENT ELECTRODES BASED ON Ag NANOWIRES PREPARED BY SPRAY PYROLYSIS FOR PHOTOVOLTAIC APPLICATION	Univ Mascara (ALG)
4.	276871	Beliardouh Nasser Eddine	WEAR, CORROSION, AND BIOCOMPATIBILITY OF ZIRCONIUM AND TITANIUM BASED ALLOYS PVD THIN FILMS	Univ Annaba (ALG)
5.	276888	Badaoui Fatima Zohra	FORMULATION AND OPTIMIZATION OF DICLOFENAC SODIUM MICROSPNGES	Univ Constantine (ALG)
6.	277618	Khelili Yacine	NUMERICAL STUDY OF FLUID FLOW AND HEAT TRANSFER AROUND A ROTATING CYLINDER UTILIZING NANOFUID	MA Cherchell. Tipaza (ALG)
7.	277661	Ouadah Yahia	OPTICAL PROPERTIES OF SiCN THIN FILMS DEPOSITED BY REACTIVE SPUTTERING	RCSTE (ALG)
8.	278890	Bouzit Fatima Zohra	EFFECT OF [Ni ²⁺] / [Co ²⁺] MOLAR RATIO ON THE STRUCTURAL AND MICROSTRUCTURAL PROPERTIES OF ELECTRODEPOSITED Co-Ni NANOMATERIALS	Univ Constantine (ALG)
9.	279468	Chikh Abdelbaki	DYNAMIC BEHAVIOR ANALYSIS OF FGM CLAMPED NANO-PLATES BASED ON ELASTIC FOUNDATIONS	University Ibn Khaldoun (ALG)
10.	280783	Ladjouzi Samia	SOL GEL SYNTHESIS AND THERMAL TREATMENT EFFECT ON Ce ³⁺ DOPED GdBO ₃ NANOCLUSTERS OBTAINED IN SILICA GLASS	CRND Draria, (ALG)
11.	280886	Meklid Abdelhek	STRUCTURAL AND ELECTRICAL CHARACTERIZATION OF Cr, Ni, Sb SUBSTITUTED PZT PIEZOELECTRIC CERAMICS	Univ Biskra (ALG)
12.	281057	Meghoufel Zahira Faiza	TRANSITION DE PHASE TOPOLOGIQUE DANS LES COMPOSES DEMI-HEUSLER	Univ Mostaganem (ALG)
13.	281900	Benzitouni Sara	TiN-DOPED ZINC OXIDE THIN FILMS DERIVED FROM SOL-GEL: STRUCTURAL, OPTICAL AND NANOMECHANICAL STUDIES	Univ,Oum El Bouaghi , (ALG)
14.	281922	Sedda Kamal	SYNTHESIS OF LEAD-FREE CERAMICS OF THE PEROVSKITE TYPE FOR PIEZOELECTRIC APPLICATIONS BY CONVENTIONAL SOLID-STATE REACTION	Univ Boumerdes (ALG)
15.	282125	Medjaldi Farida	PHOTOCATALYTIC PROPERTIES OF NANOCRYSTALLINE TiO ₂ THIN FILMS PREPARED BY SOL-GEL METHOD	Univ Constantine (ALG)
16.	282239	Benhouhou Soumia	CHEMICAL OXIDATIVE POLYMERIZATION OF PANI-SR FLEXIBLE THIN FILM FOR AMMONIA DETECTION	EMP, (ALG)
17.	284268	Belmiloud Nawal	THE MAGNETISM IN NANO STRUCTURES BASED VN AND InN	Univ Oran, (ALG)
18.	282372	Benguella Sarra	SYNTHESIS AND CHARACTERIZATION OF BIOPOLYMERS-CLAY NANOCOMPOSITES BY IN-SITU PHOTOPOLYMERIZATION METHOD USING ORGANIC MODIFIED CLAY	LCOMM (ALG)
19.	282517	Mouacher Leila	INTERCALATED CLAY/CONJUGATED POLYMERS NANOCOMPOSITES THROUGH TANDEM DIAZONIUM CATION EXCHANGE REACTIONS AND IN-SITU PHOTOPOLYMERIZATION.	Univ Mascara (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.	267440	Dehas Ouided	THERMO-MECHANICAL AND MORPHOLOGICAL PROPERTIES OF PERLITE REINFORCED UNSATURATED POLYESTER MATERIALS COMPOSITES	LPCHP (ALG)
2.	268214	MedAmin Boumechraz	CARBONATATION DU BÉTON DES RÉSEAUX D'ASSAINISSEMENT	Univ Biskra (ALG)
3.	272305	Abdelkader Rahmouni	ANALYSIS STRUCTURAL AND CHEMICAL OF NEW CEMENT BASED ON EGGS SHELL AND SAND DUNE STABILIZED BY PET	Univ Oran, (ALG)
4.	273019	Draoua Zohra	CEMENTITIOUS MATERIAL BASED ON NANOCOMPOSITE COPOLYMER	Univ Oran, (ALG)
5.	273074	Benzekri Benallou Mokhtar	ELIMINATION OF MALACHITE GREEN ON GRANULAR ACTIVATED CARBON PREPARED FROM OLIVE STONES IN DISCONTINUOUS AND CONTINUOUS MODES	Bestani Benaouda (ALG)
6.	273730	Salah Fethi	ETUDE DE LA RĀ%PONSE MĀ%CANIQUE DES PLAQUES SANDWICH SYMĀ%TRIQUE ET ANTISYMĀ%TRIQUE EN FGM	Univ Sidi Bel Abbes, (ALG)
7.	274014	Aifferhat Yazid	FINITE ELEMENT EVALUATION OF SIFS IN FGMS USING GENERALIZED DISPLACEMENT CORRELATION METHOD	Univ Sidi Bel Abbes, (ALG)
8.	276285	Kanouni Fares	STUDY OF PHONONIC AND ELASTIC PROPERTIES OF XALN (X=CR, Y): APPLICATION TO SURFACE ACOUSTIC WAVE SENSORS	RUOP (ALG)
9.	277179	Fateh Chouia	THE NON-ISOTHERMAL KINETICS OF HYDROXYAPATITE FORMATION IN KAOLIN - NATURAL PHOSPHATE MIXTURES	Univ Biskra (ALG)
10.	277746	Benichou Boucif	FIRST-PRINCIPLES CALCULATIONS OF STRUCTURAL, ELASTIC, ELECTRONIC AND MAGNETIC PROPERTIES OF TERNARY HEUSLER ALLOYS Cu ₂ MnZ (Z = Ge, Ga)	Univ Sidi Bel Abbes, (ALG)
11.	278426	Mameri Sonia	EVALUATION OF CATHODIC PROTECTION OF API 5L X52 STEEL	Univ TIZI-OUZOU (ALG)
12.	279204	Sahi Samira	VALORIZATION OF LIGNOCELLULOSIC WASTE FOR THE PREPARATION OF NEW POLYMER MATERIALS	Univ Bejaia, (ALG)
13.	279235	Sow Libasse	MATERIALS FOR RAILWAY BALLAST, EXPERIMENTAL STUDY OF LIMESTONE AND BASALT FROM SENEGALESE QUARRIES	ESP, (ALG)
14.	279280	Meghoufel Z. Faiza	STABILITE ET TRANSITION DE PHASE DU MONONITRURE DE TECHNETIUM	Univ Mostaganem (ALG)
15.	279406	Sefir Yamina	STUDY OF STRUCTURAL, ELECTRONIC AND ELASTIC PROPERTIES OF HALF-HEUSLER	Univ, Mostaganem, (ALG)
16.	279993	Ghalem Yamina	SEMI-CONDUCTEUR MAGNETIQUE DILUE A BASE DE ZnS DOPE Al, Si ET P: CALCUL AB-INITIO	Univ, Mostaganem, (ALG)
17.	280468	Tioua Tahar	EVALUATION DE LA DURABILITÉ DES BÉTONS AUTOPLAÇANTS RENFORCÉS DES FIBRES DE PALMIER DATTIER EXPOSÉS A UN MILIEU AGRESSIF	Univ, Annaba, (ALG)
18.	280526	Latreche Sihem	L'IMPACT DU CHOIX DES MATERIAUX DE CONSTRUCTION DE L'ENVELOPPE ARCHITECTURALE SUR SA PERFORMANCE THERMIQUE. CAS DES HABITATIONS AUTO CONSTRUITES A BISKRA	LCMFA (ALG)
19.	281205	Belal Ibtihal	PREPARATION AND INVESTIGATION OF STRUCTURAL, MICROSTRUCTURAL AND ELECTRICAL PROPERTIES OF La _{0.5} Gd _{0.2} Ba _{0.3} MnO ₃ COMPOUND PREPARED AT 1100Å°C	Univ, Jijel, (ALG)
20.	284532	Fatma Zohra Boulassel	STUDY OF THE IONIC CONDUCTIVITY MESURED BY IMPEDANCE SPECTROSCOPY OF Ce-DOPED srtio3 USED AS SOFC MATERIALS	Univ Jijel (ALG)
21.	284484	Mustapha Attou	STUDY OF THE STURCTURAL, ELASTIC AND THERMODYNAMIC PROPERTIES OF gdx MATERIALS (X = Ca) BY THE FP-LAPW METHOD	USTHB, (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.	266396	Ourahmoun Ourida	EFFICIENCY OF PEROVSKITE SOLAR CELLS AS FUNCTION OF ACTIVE LAYER, HOLE AND ELECTRON TRANSPORT MATERIALS	Univ Tizi-Ouzou (ALG)
2.	267005	Benameur Khedidja	ELABORATION AND CHARACTERIZATION OF CUINZNS QUATERNARY THIN FILMS	Univ Oran Algeria)
3.	267429	Amina Benchouk	BIOLOGICAL REMEDIATION OF THE HYDROCARBONS-CONTAMINATED SOIL	Univ Mostaganem (ALG)
4.	267696	Hamla Meriem	SYNTHESIS OF ZNS THIN FILMS BY ELECTRODEPOSITION FOR SOLAR CELL APPLICATIONS	Univ Skikda, (ALG)
5.	271930	Saoudi Ahmed	EFFECT OF THE DEPOSITION TEMPERATURE OF CUO-CU ₂ O SYSTEM BY CHEMICAL SPRAY	Univ of M'sila, (ALG)
6.	272443	Sabrin Korichi	EFFECT OF TUBE CONFIGURATIONS ON VERTICAL CLOSED-LOOP GEOTHERMAL HEAT EXCHANGERS SIZING FOR RESIDENTIAL APPLICATION	Univ Ouargla (ALG)
7.	274195	Keniche Assia	REMOVAL OF DRUGS FROM HOSPITALS WASTEWATER BY NANOMATERIAL OF CYCLODEXTRIN-MORINGA	C Univ Maghnia (ALG)
8.	275848	Mouheb Lynda	CYCLOHEXANONE OXIDATION USING CESIUM KEGGIN-TYPE HETEROPOLYSALTES CATALYSTS	Univ Tizi-Ouzou, (ALG),
9.	276747	Moussa Nawel	ETUDE SPECTROSCOPIQUE (SPECTROSCOPIE FT-IR) DE LA STRUCTURE FONCTIONNELLE DU CHARBON ACTIF ISSUS DES DE TRAITEMENT DES ALGUES BRUNES ACTIVEES PAR DIFFERENTS AGENTS CHIMIQUES	UNIV MOSTA (ALG)
10.	277431	Benammar Souad	CONVERSIO PHOTOCATALYTIQUE DU CO ₂ SUR L'OXYDE DE CUIVRE (CUO) SUPPORTE SUR DES SPHERES DE CARBONE (CSS)	USTHB, (ALG)
11.	278862	Belkhodja Hamza	EVALUATION OF PROTEIN YIELD OF HYDROLYSATE AND PROTEIC ISOLATE EXTRACTED FROM THE COPRODUCTS OF SARDINA PILCHARDUS	University Meascer, (ALG)
12.	279285	Ayad Ahmed	ELECTRODYNAMICS EDDY CURRENT SEPARATION OF WASTE	Univ Ouargla (ALG)
13.	279304	Khial Nassima	MISE EN EVIDENCE DU COMPORTEMENT DES GRANULATS DE BETON RECYCLES RENFORCES PAR DES SUBSTITUTS DE POUDRE PLASTIQUE	Univ Tizi-Ouzou, (ALG),
14.	279515	Gabi Massinissa	ETUDES COMPARATIVES DES PROPRIETES MECANQUES D'UN MATERIAU COMPOSITE A BASE D'UNE MATRICE POLYMERE CHARGE DES PARTICULES DU DECHES SYNTHETIQUES ET NATURELS	Univ Boumerdès. (ALG)
15.	279670	Ouarzki Imane	OPTIMIZATION OF EXPERIMENTAL CONDITIONS FOR FLASH PYROLYSIS OF WOOD PARTICLES IN AN ENTRAINED BED REACTOR	Univ Boumerdès. (ALG)
16.	280305	Elhaci Amina	USE OF MG/AL -LAYERED DOUBLE HYDROXIDE FOR WATER DETOXIFICATION: APPLICATION TO AMOXICILLIN REMOVAL.	Univ Oran, (ALG)
17.	281239	Moussa Nawel	SPECTROSCOPIC ETUDE (FT-IR SPECTROSCOPY) OF THE FUNCTIONAL STRUCTURE OF ACTIVATED CARBON FROM THE TREATMENT OF ACTIVATED BROWN ALGAE BY DIFFERENT CHEMICAL AGENTS	UNIV MOSTA (ALG)
18.	281820	Bekhedda Amine	RECYCLING OF PLASTIC WASTE AS A MODIFIER IN BITUMINOUS PAVEMENT- STUDY OF CREEP-RECOVERY AT MEDIUM AND HOT TEMPERATURES	University Adrar, (ALG)
19.	281842	Salhi Hassiba	CARBON DIOXIDE ABSORPTION BY CHEMICAL ABSORPTION: A COMPARISON BY DIFFERENT SOLVENT	Univ Boumerdès. (ALG)
20.	281894	Nouioua Asma	CONTRIBUTION TO THE TREATMENT OF BY-PASS DUSTY WASTE GENERATED BY THE CEMENT INDUSTRY	Univ Biskra (ALG)
21.	285670	Kendouli Leila	REMOVAL OF RED CONGO IN AQUEOUS SOLUTION BY THE ACTIVATED CARBON PREPARED ON THE BASIS OF AN AGRICULTURAL WASTE	Univ Jijel (Algeria)

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TOPIC 4

Materials Manufacturing and Processing



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

Chairman:

N°	Ref.	Author	TITLE	Affiliation
1.	272330	Khamaysa Oday Mohammad Ahmad	UTILIZING SYNTHETIZED HYDRAZONE AS AN EFFECTIVE CORROSION INHIBITOR FOR CARBON STEEL IN 1M HCL SOLUTION	Univ. Oum El Bouaghi (ALG)
2.	274849	Saifi Hayette	CORROSION INHIBITIVE ACTION OF METHIONINE ON Cué"30Ni ALLOY IN AERATED 0.5M H2SO4	Univ, Annaba (ALG)
3.	275700	Yahoum Madiha Melha	SYNTHESIS OF NEW BIO-BASED BENZYL DERIVATIVES OF XANTHAN GUM USING GREEN SOLVENTS.	Univ Medea (ALG)
4.	276003	Amokrane Samira	ETHANOL DEHYDROGENATION REACTION ON MODIFIED COPPER BASED CATALYST	Univ ,Boumerdes (ALG)
5.	277194	Fateh Chouia	ELABORATION AND CHARACTERIZATION OF ZN-NI LAYERS ELECTRODEPOSED ON SUBSTRATE OF A LOW ALLOY STEEL	Univ Biskra (ALG)
6.	277237	Imene Kirouani	EXTRACTION, CHARACTERISATION AND THEORITICAL STUDIES OF THEOBROMINE	Univ Sétif (ALG)
7.	278304	Hammoudi Habib	EFFECT OF THE BINARY AND TERNARY EXCHANGES ON CRISTALLINITY AND TEXTURAL PROPERTIES OF X ZEOLITES.MODIFICATION, CHARACTERIZATION AND APPLICATION	Univ Mostaganem (ALG)
8.	278309	Hammoudi Habib	STUDY OF THE ADSORPTIVES PROPERTIES OF ZEOLITES X EXCHANGED BY THE CATIONS Cu2+ AND/OR Zn2+	Univ Mostaganem (ALG)
9.	279454	Ahmed Fouzi Tarchoun	MICROCRYSTALLINE CELLULOSE NITRATE FROM ALGERIAN POSIDONIA OCEANICA BROWN ALGAE: SYNTHESIS, CHARACTERIZATION AND KINETIC MODELING	EMP ,Bordj El-Bahri (ALG)
10.	279513	Ouahid Keblouti	STUDY OF SURFACE ROUGHNESS AND WEAR MECHANISM IN MACHINING PROCESS WITH COATED AND UNCOATED CARBIDE CUTTING TOOL	Univ, Annaba (ALG)
11.	281100	Aoudjit Lamine	NEW SYNTHESIS OF TIO2/ PVDF-TRFE NANOCOMPOSITES FOR PHOTOCATALYTIC DEGRADATION OF ATENOLOL UNDER SOLAR RADIATION	CDER, Tipaza (ALG)
12.	281138	Bensouilah Hamza	EFFETS DES COUPLES DE CONTRAINTE ET DE LA PIESOVISCOSITE DU LUBRIFIANT SUR LE COMPORTEMENT STATIQUE D'UN PALIER LISSE COMPLIANT	Univ Guelma, (ALG)
13.	281326	Hebbar Imène	EFFECT OF INCLINED CRACKS ON THE BUCKLING AND FRACTURE BEHAVIOR OF COMPOSITE MATERIALS	Univ -Bel-Abbes, (ALG)
14.	281843	Chahineze Nawel Kedir	CHEMICAL AND ELECTROCHEMICAL SYNTHESIS OF HYDROGEL	Univ Mascara (ALG)
15.	281862	Belgacemi Raouf	MECHANICAL BEHAVIOR OF SURFACE-TREATED UHMWPE FABRIC /EPOXY RESIN MULTILAYERED COMPOSITE PLATES	ENP (ALG)
16.	281874	Leila Mechkarini	SYSTEME D'AIDE POUR L'EVALUATION DU MODELE DE L'ESTIMATION DE LA PERMEABILITE NON SATUREE DE BROOKS ET COREY 1964	ENP (ALG)
17.	282531	Khalfaoui Kheloudja	ETUDE DES CARACTERISATIONS STRUCTURALES ET LES TRANSFORMATIONS THERMIQUES DE LA STEATITE	Univ ,Boumerdes (ALG)
18.	282886	Aboutair Wafaa	IMPACT OF THE NATURE OF FIBERS ON THE PHYSICO-MECHANICAL BEHAVIOR AND DURABILITY OF CEMENT MATRICES	Univ ,Boumerdes (ALG)
19.	282941	Sihem Mouanni	CYCLOHEXANONE OXIDATION OVER H3PMo12O40 HETEROPOLYACID VIA TWO ACTIVATION MODES. EFFECT OF SOLVENT NATURE	USTHB (ALG)
20.	272330	Khamaysa Oday Mohammad Ahmad	UTILIZING SYNTHETIZED HYDRAZONE AS AN EFFECTIVE CORROSION INHIBITOR FOR CARBON STEEL IN 1M HCL SOLUTION	Univ. Oum El Bouaghi (ALG)
21.	285103	Mehsas Boumediene	RECOVERY OF PNEUMATIC WASTES BASED ON ISOPRENE POLYMER "STUDY OF CONCRETE INCORPORATING RECYCLED RUBBER CRUMB".	Univ Bordj Bou Arreridj, (Algeria)