

**Day 3: November 14, 2019**

11:00 - 12:00

**Poster Session VI (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.	285825	Moussa Zahra	ANNEALING TEMPERATURE EFFECT ON STRUCTURAL, OPTICAL AND PHOTOCATALYTIC PROPERTIES OF zno and (Ni, Cu, Fe)-doped zno THIN FILMS PREPARED BY SPRAY PYROLYSIS	Unive Oum El Bouaghi (Algeria)
2.	285859	Mouchaal Younes	NEW TRANSPARENT ELECTRODES BASED ON AG NANOWIRES PREPARED BY SPRAY PYROLYSIS FOR PHOTOVOLTAIC APPLICATION	Univ Mascara (Algeria)
3.	285864	Layachi Norelyakine	SYNTHESIS AND MICROCHARACTERIZATION OF nio AND Zn -DOPED nio THIN FILMS PRAPARED BY SPRAY PYROLYSIS.	Univ Annaba, Algérie
4.	285923	Attia Amina	FREE VIBRATION OF FUNCTIONALLY GRADED NANOSCALE PLATES RESTING ON ELASTIC FOUNDATION	Univ Sidi Bel Abbes
5.	285950	Boufades Djamilia	SYNTHESIS OF CARBON NANOSPHERES BY PYROLYSIS OF ALGERIAN NATURAL GAS CONDENSATE	Univ .Boumerdes (Algeria)
6.	285956	Ayadi Meriem	FILM THICKNESS EFFECT ON STRUCTURE AND OPTICAL PROPERTIES OF NANOSTRUCTURED ZNS THIN FILMS DEPOSITED BY SPRAY TECHNIQUE	Univ d'el-Oued (Algeria),
7.	285986	Bourib Fatima Zohra	TEMPERATURE AND FREQUENCY-DEPENDENT CONDUCTIVITY OF POLYSTYRENE/POLYANILINE COMPOSITE	Univ Jijel (Algeria)
8.	285996	Si Abdallah Fatma	STRUCTURAL AND ELECTRONIC PROPERTIES OF FEW-LAYER GRAPHENE (FLG) AND TWISTED LAYER GRAPHENE (TLG) BY FIRST-PRINCIPLES CALCULATIONS	F. Siabdallah (Algeria)
9.	286017	Chirouf Randa	GREEN AND SONOCHEMICAL SYNTHESIS OF ZINC OXIDE NANOPARTICLES USING GLOBULARIA ALYpum PLANT EXTRACT FOR PHOTOCATALYTIC AND ANTIMICROBIAL APPLICATIONS	Univ Constantine (Algeria)
10.	286022	Abde Sahari	EVOLUTION OF THE STRESSES DURING FORMATION OF NICKEL SILICIDES IN THIN LAYER FOR MICROELECTRONIC APPLICATION	Univ setif (Algeria)
11.	286037	Hamiham Amina	EFFECT OF ZINC OXIDE NANOPARTICLES DOPED WITH CO AND NI ON THE OPTICAL PROPERTIES OF PS/ZNO NANOCOMPOSITES THIN FILMS.	Univ Jijel (Algeria)
12.	286047	Younes Menail	STUDY OF TWO ORTHOCRYL CARBON COMPOSITE MATERIALS AND ORTHOCRYL GLASS FOR MEDICAL USE	Univ Annaba (Algeria)
13.	286060	Tabbiche Affaf	PREPARATION AND CHARACTERIZATION OF NANOCOMPOSITE MEMBRANES BASED ON COPPER OXIDE	USTO-Oran, (Algeria)
14.	286077	Bahamida Saida	OPTIMISATION OF EXCHANGE COUPLING STRENGTH IN FEXPD100-X (X=57.5, 60, 64)	Univ .Boumerdes (Algeria)
15.	286115	Layoul Hanane	PLASMA REACTIVE-ION ETCHING OF ZNO THIN FILMS USING A CH4/H2 GAS MIXTURE FOR WAVEGUIDING APPLICATIONS	Univ Jijel (Algeria)
16.	286116	Bourebia Amira	SYNTHESE ET CARACTERISATION DES PROPRIETES STRUCTURALES, OPTIQUES ET ELECTRIQUES DES COUCHES MINCES ZNO CO-DOPEE PREPARE PAR LA METHODE SOL-GEL SPIN-COATING	Univ Jijel (Algeria)
17.	286287	Mohsen MHADHBI	MICROSTRUCTURAL CHANGES OF NANOCRYSTALLINE NBC 0.93 POWDERS PREPARED BY HIGH-ENERGY BALL MILLING	NIR-PCATY , Sidi Thabet (Tunisia)
18.	294325	Bensouici Faycal	PARAMETRIC STUDY OF NANOPARTICLES EFFECTS ON CONVECTIVE HEAT TRANSFER OF NANOFUIDS IN A HEATED HORIZONTAL ANNULUS	Univ Boumerdes (Algeria)
19.	280042	Mebtouche Farouk	ATOMISTIC MODELING OF NUCLEAR FUEL CLADDING MATERIAL	Univ Boumerdes (ALG)

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TOPIC 2

Cementitious materials and Materials Properties



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N° :	Ref. ID	Author	TITLE	Affiliation
1.	285697	Belaid Amrane	SYNTHESIS AND CHARACTERIZATION OF METAKAOLIN-BASED GEOPOLYMER	Univ Bouira, (Algeria)
2.	285737	Hadjeb Rihana	LIQUID-LIQUID EXTRACTION OF COPPER (II) BY N- (2-HYDROXYBENZYLIDENE) ANILINE SUBSTITUTED DIFFERENTLY BY METHYL AND NITRO GROUP.	Univ , Blida (Algeria)
3.	285751	Athmani Khaled	SOLUTION OF TWO-COMPONENT AGGREGATION POPULATION BALANCE EQUATION (PBE) FOR SUM KERNEL BY ADOMIAN DECOMPOSITION METHOD (ADM)	Univ Biskra (Algeria)
4.	285752	Meradi Hazem	CHARACTERIZATION OF NATURAL DIATOMITE POWDER FOR INDUSTRIAL APPLICATION	CRTI , (Algeria)
5.	285984	Abane Mahdi	STUDY OF THE STRUCTURAL AND ELECTRONIC PROPERTIES OF HEAVY FERMIONS-BASED COMPOUNDS FOR SUPERCONDUCTING APPLICATIONS	USTO-MB (Algeria)
6.	285993	Bennacer Nour El Houda	STUDY OF THE ACCTIVIT OF CHITOSAN BASE ON THE EOSKELETON OF RED SHRIMP IN THE INHIBITION OF ACID CORROSION OF ORDINAR STEEL	Univ Blida (Algeria)
7.	298117	Hamza Mechakra	EFFECT OF STITCH ON THE MECHANICAL PROPERTIES OF GLASS/EPOXY COMPOSITES	Univ Boumerdes (Algeria)
8.	286015	Hedjeres Salah	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF A HIGH STRENGTH ARMOUR STEEL	EMP, Bordj El-Bahri, (Algeria)
9.	286045	Daoud Loubna	SYNTHESIS, CHARACTERIZATION, AND SWELLING BEHAVIOR OF PH RESPONSIVE CARBOXYMETHYL CELLULOSE-G-POLY (ACRYLAMIDE-CO-MALEIC ACID) HYDROGELS	USTHB, (Algeria)
10.	286063	Bouanafi Soumia	VALUATION OF THE SEDIMENT OF THE DREDGING OF THE BOUHANIFIA DAM AS CONSTRUCTION MATERIAL IN THE MORTARS	C Univ Tissemsilt (Algeria)
11.	286090	Elkhansa Aidaoui	ELECTRODEPOSITION AND CHARACTERIZATION OF NI-CR COMPOSITE COATINGS	Univ , Biskra, (Algeria)
12.	286097	Assia Boutaba	MEAN FIELD ANALYSIS OF THE HIGH TEMPERATURE MAGNETIC PROPERTIES OF DYIG IN HIGH DC FIELDS	Univ Annaba (Algeria)
13.	286099	Metdji Nadia	VALORIZATION OF WASTE PAPER IN CEMENTITIOUS CONCRETE COMPOSITES	CDER ,Tipaza, (Algeria)
14.	286106	Amior Aicha	ULTRASOUND-ASSISTED EXTRACTION OF POLYSACCHARIDES FROM ATRACTYLIS GUMMIFERA ROOTS	Univ Guelma, (Algeria)
15.	286117	Boulkrinat Amina	ELABORATION AND CHARACTERIZATION OF CERAMIC MEMBRANES FOR WASTEWATER TREATMENT	FESI (Algeria),
16.	286118	Salah Lemallem	CORROSION INHIBITION PERFORMANCE OF 2-(1, 3- DITHIAN-2-YLIDENE) CYCLOHEXANE-1, 3-DIONE FOR STAINLESS STEEL IN 1 M HYDROCHLORIC ACID SOLUTION	Univ Constantine , (Algeria)
17.	288695	H. Amrani	CONSTITUENT COMPATIBILITY STUDY IN SANDWICH MATERIALS	Univ Boumerdes (Algeria)
18.	290174	Lecheb Samir	INFLUENCES DE LA PROPAGATION D'UNE FISSURE SUR LES FREQUENCES MODALES DES AUBES DE LA TURBINE	Univ Boumerdes (Algeria)
19.	290177	Lecheb Samir	MAINTENANCE DE L'AXE PORTE D'OUILLE D'UNE GELULEUSE DE L'INDUSTRIE PHARMACEUTIQUE	Univ Boumerdes (Algeria)
20.	290182	Bensalem Abdelhafid	ETUDE ET PREDIRE DE LA RUPTURE MECANIQUE DE COMPOSITES STRATIFIEES	Univ Boumerdes (Algeria)
21.	290205	Aoun Mouloud	SECONDARY DEVELOPMENT BY ABAQUS USING PYTHON AND THE APPLICATION OF THE SIMPLEX ALGORITHM FOR THE IDENTIFICATION OF CRACKS IN AERONAUTICAL STRUCTURES	Univ Boumerdes (Algeria)

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22.	290211	Chellil Ahmed	IDENTIFICATION OF DEFECTS AND FATIGUE OF ALUMINUM PLATES BY CONTROL OF VIBRATION CHARACTERISTICS	Univ Boumerdes (Algeria)
23.	290215	Chellil Sadek	NUMERICAL STUDY OF COMPOSITE HELICOPTER BLADE	Univ Boumerdes (Algeria)
24.	290274	Abdelhakim Daoui	COMPARISON OF THE PROPERTIES OF TWO TYPES OF CONCRETES BY NON-DESTRUCTIVE TESTS: INFLUENCE OF THE GEOMETRY OF THE SPECIMENS	Univ Boumerdes (Algeria)
25.	291899	Laidi Messaouda	COMPORTEMENT RHEOLOGIQUE D'UN MORTIER AUTOPLAÇANT A BASE D'UN CIMENT LC3	Unive Laghouat, (Algeria)
26.	292618	Driss Miloud	STATIC ANALYSIS OF PLATES COMPOSITES BY A SIMPLE THEORY QUASI 3-D	Uni v of Tiaret (Algeria)
27.	294529	Faker Eddine DJEDDI	EFFECTIVENESS OF FRP HYBRID COMPOSITES FOR THE STRENGTHENING CONCRETE BEAMS	Univ Bechar, (Algeria)

**Day 3: November 14, 2019**

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Poster Session VI (Salle - RDC)

TOPIC 3

Renewable energy, development sustainable, Recycl. and Env.



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

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N° : Ref. ID	Author	TITLE	Affiliation
1. 285990	Khaled Fahima	NUMERICAL SIMULATION OF cds-FREE CIGS SOLAR CELLS	Univ , Setif (Algeria)
2. 285994	Chaabani Walid	NUMERICAL STUDY OF THE BEARING CAPACITY OF A SAND LAYER ON CLAY IN THE PRESENCE OF REINFORCEMENT.	Univ Biskra(Algeria)
3. 286000	Djebaili Imed Abderrahmane	ASSESSMENT OF AN OFFICE BUILDING GLAZED FACADE IMPACT UPON ENERGETIC CONSUMPTION AND ENVIRONMENT UNDER SEMI-ARID CLIMATE IN ALGERIA	Univ Constantine (Algeria)
4. 286009	Ouakouak Abdelkader	PRODUCTION OF BIOCHAR FROM PALM WASTES AND ITS APPLICATION FOR DYES ADSORPTION IN SINGLE AND BINARY SYSTEMS	Univ El Oued, Algeria
5. 286010	Bouredji Hamza	OPTIMIZATION OF DISPERSION COEFFICIENT USING THE GENETIC ALGORITHM	USTHB, (Algeria)
6. 286013	Labiad Yacine	THE EFFECT HARDENING THE INITIAL STEAM BY SOLAR ENERGY ON THE COMPRESSIVE STRENGTH OF CONCRETE CONTAINING THE LIMESTONE FILLERS	Univ M'Sila (Algeria)
7. 286020	Abde Sahari	EXTRACTION OF SILICA FROM DIATOMITE FOR OPTICAL APPLICATIONS AND FOR SOLAR GRADE SILICON (SOG-SI) DEVELOPMENT	Univ Oran, (Algeria)
8. 286033	Dahdouh Nadjib	A NEW RECOVERY OF PLASTIC WASTE FOR THE CAPTURE OF TOXIC MOLECULES IN LIQUID EFFLUENTS	USTHB, (Algeria)
9. 286035	Tab Asma	PREPARATION AND CHARACTERIZATION OF THE SYSTEM ZNO/MGO: APPLICATION TO THE PHOTODEGRADATION OF EMERGING ORGANIC POLLUTANT.	USTHB, (Algeria)
10. 286042	Ferroudj Nassira	DEGRADATION CATALYTIQUE DES POLLUANTS ORGANIQUES AQUEUX PAR DIFFERENTS PROCEDES D'OXYDATION AVANCEE	Univ Skikda, (Algeria)
11. 286054	Ferroudj Nassira	TRACKING THE DEGRADATION OF INTERMEDIATE PRODUCTS DURING HETEROGENEOUS FENTON OXIDATION OF THREE MODEL AQUEOUS POLLUTANTS	Univ Skikda, (Algeria)
12. 286070	Fadila Kherrat	TWO-DIMENSIONAL (2D) SIMULATION OF AMORPHOUS-SILICON / CRYSTALLINE-SILICON SOLAR CELLS USING ATLAS SILVACO	Univ Bordj Bou Arreridj, (Algeria)
13. 286075	Kabouche Rima	LACOO <sub>3±Δ</sub> / CARBONE AND LA0.8CA0.2COO <sub>3±Δ</sub> / CARBONE ELECTROCATALYSTS AS CATHODE MATERIALS FOR ALKALINE FUEL CELLS (AFC)	Univ Skikda, (Algeria)
14. 286078	Kiheli Hamida	PROMISING CANDIDATE AS ANTI-THROMBOEMBOLIC MOLECULE ISOLATED FROM CERASTES CERASTES VENOM	USTHB, (Algeria)
15. 286110	Taleb Soumia	RECYCLED AGGREGATES FOR HIGH RESISTANCE CONCRETE	Univ biskra (Algeria)
16. 286119	Ounis Safieddine	IMPACT OF THE CONSTRUCTION MATERIAL CHOICE OF FOLDED FACADES ON THE ENERGY EFFICIENCY OF OFFICE BUILDINGS IN HOT AND DRY CLIMATES	Univ biskra (Algeria)
17. 286120	Hamifouche Houria	STUDY OF GLYCEROL ELECTROCHEMICAL CONVERSION ON PLATINUM ELECTRODE INTO ADDED-VALUE COMPOUNDS	Univ , Blida, (Algeria)
18. 286121	Cherfa Hayet	CARACTERISATION D'UN DECHET INDUSTRIEL RECYCLE POUR SA VALORISATION EN TECHNIQUE ROUTIERE – APPLICATION AU LAITIER DE HAUT FOURNEAU	USTHB (Algeria)
19. 286123	Kerchouche Rahma	LA STRATEGIE DE RECHERCHE DES METAUX LOURDS DANS LA TECHNOLOGIE DES HYDROCARBURES APPLICATIONA : RESIDUS DE PETROLE DE HASSI-MESSOUD	GEAH (Algeria)

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20.	290166	Limam Amel	MECHANICAL BEHAVIOR OF SANDWICH STRUCTURES MADE OF ALGERIAN ALEPPO PINE WOOD AND AGGLOMERATED CORK	Univ , Boumerdes (Algeria)
21.	290166	MOUGARI Nour Elislam	CATTLE MANURE CHARACTERIZATION BEFORE ANAEROBIC DIGESTION FOR THE OPTIMIZATION OF BIOGAS PRODUCTION AND ITS ENERGETIC VALORIZATION IN AN AGRICULTURAL EXPLOITATION	Univ , Boumerdes (Algeria)
22.	293253	Boutouchent-Guerfi Nabila	THERMAL RESISTANCE AND TENSILE PROPERTIES STUDIES ON RESIN USED FOR COATING SUBMITTED TO 60CO RAY UP 50 KGY	CRTSE (Algeria)
23.	294651	Faiza KHOUKHI	EFFICIENCY EVALUATION OF ANTI-CORROSION TREATMENT BY EXTRACTS OF RED ALGAE COLLECTED FROM MEDITERRANEAN COASTS	Univ , Boumerdes (Algeria)
24.	294670	Louiza Derguine-Mecheri	BIOSURFACTANTS PRODUCTION FROM NEWLY ISOLATED ASPERGILLUS SP. FS11 USING AGRO-INDUSTRIAL WASTES	Univ Tizi ousou (Algeria)