

1^{er} Symposium National de l' Académie Algérienne des Sciences et des Technologies sur les Nanotechnologies

SNNT
AAST 2022
26-27 Juin. Université de
Boumerdes, Algérie.



GLOBAL PROGRAM OF SNNT2022

Saturday, June 25, 2022

TIME	EVENT
14 :00- 21 :00	Welcome Reception - Participants' registrations (Central Library - M'hamed Bougara University of Boumerdes) - Organization Committee of 1 st SNNT2022

Sunday, June 26, 2022

TIME	EVENT
08:00- 09:00	Welcome Reception - Participants' registrations (Central Library - M'hamed Bougara University of Boumerdes) - Organization Committee of 1 st SNNT2022
09:00- 09:45	Opening Ceremony (Room A) - Prof. Allab-Yaker Malika (President of AAST), Pr. Mustapha Yahi (Rector of UMBB), Pr. A. Nour – (UMBB/AAST), Pr. A. Bousseksou (AAST/LCC-CNRS Toulouse, Director - Member of the French Academy of Science -Member of the European Academy of Science)
	Plenary Sessions I (Room A): Chaired by Prof. A. BOUSSEKSOU
09:45 - 10:15	Emeritus Prof. Abderrahmane TADJEDDINE, Member of Algerian Academy Science and Technology- DRCE /CNRS of Orsay. Paris-Saclay University; <i>“Les Grandes Infrastructures de recherche, outils multidisciplinaires au service de la recherche, de la technologie et de l’innovation : exemple du rayonnement synchrotron”</i>
10:15 - 10:45	Emeritus Prof. Chems Eddine CHITOUR, National Polytechnic school of Algiers; <i>“Sidi Abdallah le Campus du futur dédié aux NBIC et aux disciplines émergentes”</i>
10:45 - 11:15	Coffee break (Hall RDC)
10:45 - 11:15	Poster Session I (T1, T2, T3, T4, T5 and T6) (Hall-RDC)
	Oral Sessions I (Room A): Chaired by Prof. Nour-Eddine BENALI-CHERIF
11:15 - 11:45	GUELLATI Ouanassa <i>“Smart Multi-functional Nanomaterials for Electrochemical Energy Storage À« Supercapacitors À» or Water Depollution”-DocID:407944</i>
11:45 - 12:15	Ouhaibi Abdelhalim <i>“Deposition Temperature Effect on Morphological, Optical and Photocatalytic Properties of ZnO Thin Films Elaborated by Spray Pyrolysis Technique “-DocID:408655</i>
12:15 - 12:45	Brahim Mahfoud <i>“Magnetic Field Effect On Swirling Nanofluid Flow”-DocID: 408003</i>
12:45- 14:00	Lunch

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Oral Sessions II (Room A): Chaired by Prof. M. BELBACHIR

- 14:10- 14:45** **Kebci Zahia** *"Méta matériau biréfringent sous forme d'un réseau métallique d'ouvertures en forme de 'C' pour la conception d'une lame demi onde dans la gamme du visible"* -DocID: 414639
- 14:45- 15:15** **Zarita Rahouadja** *"Analysis of forced convection heat transfer in a micro channel using nanofluids by the lattice Boltzmann method"* -DocID: 408060
- 15:15- 15:45** **Kail Fatiha** *"Optical light confinement as a key point to increase efficiency in thin film silicon solar modules"* -DocID: 417234
- 15:45- 16:15** **Coffee break (Hall RDC)**
- 15:45- 16:15** **Poster Session II (T1, T2, T3, T4, T5 and T6) (Hall-RDC)**

Plenary Sessions II (Room A): Chaired by Prof. A. BOUSSEKSOU

- 16:15- 17:15** **Prof. Belkacem HABA, XPERI Holding Corporation, Stanford, USA;** *"Nanotechnology and few applications in semiconductor manufacturing"*
- 17:15- 17:15** **Poster Session II (T1, T2, T3, T4, T5 and T6) (Hall-RDC)**
- 20:00-22:00** **Dinner**

Monday, June 27, 2022

TIME **EVENT**

Plenary Sessions III (Room A): Chaired by Prof. A. BOUSSEKSOU

- 09:00- 10:00** **Prof. Jean-Pierre SAUVAGE, Prix Nobel de Chimie, Université de Strasbourg, France ;** *"De la topologie aux machines moléculaires"*
- 10:00- 10:30** **Prof. Nour-Eddine BENALI-CHERIF, Membre de l'Académie Algérienne des Sciences et des Technologies,** *"La diffraction des RX: Un moyen puissant de caractérisation"*
- 10:30- 11:00** **Coffee break (Hall RDC)**
- 10:30 - 11:00** **Poster Session III (T2, T3, T4, T5 and T6) (Hall-RDC)**

Oral Sessions III (Room A): Chaired by Prof. F. BENAYACHE

- 11:00 - 11:30** **Bensenouci Halima** *"Electrodéposition d'un film d'oxyde de cuivre pour des application photo- électrochimique"* -DocID: 407657
- 11:30- 12:00** **Abdelkader Rahmouni** *"Comparative studies between chloroquine and new synthesized macromonomers called octopus as clinical candidate for the treatment of SARS-CoV-2: Experimental dataset"* -DocID: 407156
- 12:00- 12:30** **Kaddour Nawel** *"Administration orale d'insuline via des nanoparticules gastro-résistantes"* -DocID: 408147

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12:30- 14:00

Lunch

Oral Sessions IV (Room A): Chaired by Prof. M. BELBACHIR

14:00- 14:30

Mebtouche Farouk "Monovacancy effect on Materials Properties: Hydrogen Storage Application"-DocID:413492

14:30- 15:00

Boudellioua Hichem "Effect of Ce3+/PEG combination on the corrosion inhibition of mild steel in chloride solution: electrochemical, films characterization and surface morphology studies "-DocID: 410541

15:00- 15:30

Lakrouf Islem "Elaboration et caractérisation morphologique et optique du silicium nanoporeux préparé par voie chimique "-DocID: 417104

15:30- 16:00

Coffee break (Hall RDC)

15:30- 16:00

Poster Session IV (T2, T3, T4, T5 and T6) (Hall-RDC)

Oral Sessions V (Room A): Chaired by Prof. S. BENAYACHE

16:00- 16:30

Bensalem Salah-Eddine "Theoretical investigation of the mechanical stability of diamond-like materials under a pressure gradient "-DocID: 407395

16:30- 17:00

Drici Nedjoua "An overview of the role and the application of molecular modelling approachs for nanomaterials exploration "-DocID: 410095

17:00- 17:30

Lounis Imene "Infiltration liquide et spontanée: Elaboration et caractérisation de composés multimatériaux à base de terres rares "-DocID: 415801

17:30- 18:00

Cheriet Nacera "This study focuses on laminar air cooling of multiple blocks mounted in a channel, with airfoils placed above the blocks and used as vortex generators. The unsteady governing equations are solved by the finite "-DocID: 414707

18:00- 18:30

Closing of SNNT 2022 Symposium (Conference Room - Boumerdes University) - . A. BOUSSEKSOU, Pr. M. BELBACHIR, Pr. A. NOUR, - Organization Committee of 1st SNNT2022

Day 1: June 26, 2022

10:00 - 10:30

Poster Session I (Salle - RDC)

TOPICS

T1-T2-T3-T4-T5-T6

**Chairman: Prof. A. BOUSSEKSOU**

N°	Ref. ID	Author	TITLE	Affiliation
1.	417138	Medani Sonia	EFFETS DES PARAM ÈTRES DE DIFFUSION PAR SOURCES PRÉFORMES SUR LA QUALITÉ DE LA FSF	UNIV-TIZI-OUZOU, (ALG)
2.	416797	M'hand Oughanem	EFFET DE FE ²⁺ ET AG ⁺ SUR LES PROPRIETES DE SNO ₂ SYNTHETISE PAR VOIE SOL-GEL.	UNIV-TIZI-OUZOU, (ALG)
3.	417272	Kail Fatiha	GROWTH OF SILICON NANOWIRES USING TIN AND INDIUM AS CATALYST	UNIV-ORAN (ALG)
4.	417266	Kail Fatiha	STRUCTURAL AND OPTICAL PROPERTIES OF NANOCRYSTALLINE SILICON-CARBON ALLOY THIN FILMS	UNIV-ORAN (ALG)
5.	417183	Metidji Nadia	CHARACTERIZATION OF NANOSTRUCTURED FEAL ₄₀ TI POWDERS PRODUCED BY MECHANICAL ALLOYING FOLLOWED BY COLD CONSOLIDATION	(ALG)
6.	416792	Laiadi Widad	EMITTER LAYER THICKNESS EFFECT ON SOLAR CELLS OUTPUT PARAMETERS	UNIV-BISKRA, (ALG)
7.	416767	Naar Nacira	SYNTHESIS AND CHARACTERIZATION OF THE PMMA/PANI NANOCOMPOSITES DISTINED TO THE OPTOELECTRONICS DEVICES	UNIV-BAB EZZOUAR, (ALG)
8.	416723	Said Kheira	CARBON AND SILICON CO-DOPING EFFECT ON STRUCTURAL AND OPTOELECTRONIC PROPERTIES OF ZNO.	(ALG)
9.	416029	Younes Abderrahmane	MAGNETIC PROPERTIES AND STRUCTURAL CHARACTERIZATION OF NANOCRYSTALLINE FE-A (NI, CO AND SI) ALLOYS POWDERS SYNTHESIZED BY MECHANICAL ALLOYING PROCESS	CRTI-ALGIERS, ALGERIE)
10.	415932	Mouchaal Younes	IN FREE, LARGE SCALE, HIGHLY CONDUCTIVE AND TRANSPARENT SILVER NANOWIRES THIN FILMS FOR THIRD GENERATION SOLAR CELLS.	UNIV-MASCARA, (ALG)
11.	415890	Djamel Djamel	L'EFFET DE LA PRESENCE D'UNE FISSURE ET D'UNE INCLUSION SUR LE COMPORTEMENT EN RUPTURE D'UNE PLAQUE	ENP-ALGIERS, (ALG)
12.	417343	Bagtache Radia	HYBRID REMOVAL OF NICKEL BY ZNS PREPARED BY CHEMICAL BATH DEPOSITION	UNIV-BAB EZZOUAR, (ALG)
13.	417310	Gheffar Chahrazed	NANOPARTICULES DE PLGA CHARGÉES EN CIPROFLOXACINE AUX PROPRIÉTÉS ANTIBACTÉRIENNES	UNIV-MEDEA, (ALG)
14.	417197	Bennini Leila	GREEN SYNTHESIS OF COUMARINS DERIVATIVES IN THE PRESENCE OF HETEROPOLYSALTS	UNIV-BAB EZZOUAR, (ALG)
15.	417177	Feddal Imene	RÉTENTION D'UN COLORANT INDUSTRIEL PAR UNE ARGILE ALGÉRIENNE MODIFIÉE " APPLICATION À LA PROTECTION DE L'ENVIRONNEMENT -	UNIV-SIDI BELABBES, (ALG)
16.	417140	Kaci Samira	RÉDUCTION ÉLECTROCHIMIQUE DU CO ₂ ASSISTÉE PAR LA LUMI ÈRE SUR UNE PHOTOCATHODE À BASE DE CU-PBS/PSI	CRTSE-ALGIERS (ALG)
17.	416640	Soulimane Ritha	ELABORATION DE NOUVEAUX NANOMATÉRIAUX À BASE DE MÉTAUX DE TRANSITION POUR LA PHOTOCATALYSE SOLAIRE	UNIV-TLEMEN, (ALG)
18.	416612	Boulhaia Imene	PRÉPARATION ET CARACTÉRISATION D'UN MATÉRIAU NANOCOMPOSITE NATUREL À BASE DE PARTICULES COLLOÏDALES DE CELLULOSE MICROCRISTALLINE ET D'AMIDON MODIFIÉ	UNIV-BLIDA, (ALG)
19.	416277	Abbaci Amina	NI(II) INCORPORATED INTO NANO ZEOLITE Y AS EFFICIENT ELECTRO CATALYST FOR ETHANOL ELECTRO OXIDATION	UNIV-JIJEL, (ALG)

Day 1: June 26, 2022

10:00 - 10:30

Poster Session I (Salle - RDC)

TOPICS

T1-T2-T3-T4-T5-T6



20.	415990	Ziane Samira	RECUPERATION D'UN POLLUANT ORGANIQUE PAR DES NANOMATERIAUX MODIFIEES PHYSIQUEMENT: ETUDE DES EQUILIBRES CHIMIQUES	UNIV-MOSTAGANEM, (ALG)
21.	415271	Bourenane Nadjette	ETUDE DE L'EFFET DU PH DE LA SOLUTION INTERSTITIELLE DU BÉTON SUR L'INHIBITION DE LA CORROSION D'UN ACIER AU CARBONE PAR DES NANOPARTICULES D'OXYDE DE CÉRIUM	UNIV-SOUK-AHRAS, (ALG)
22.	414960	Messast Sarah	UNE REVUE SUR LA SYNTHÈSE DES NANOPARTICULES D'OXYDE DE ZINC À PARTIR D'EXTRAITS DES PLANTES.	UNIV-EL TARF, (ALG)
23.	415925	Bouid Mohammed	LES NANO PARTICULES DE PHOSPHATES GREFFES COMME BIOCIDES ANTI SRAS COV : MECANISME	UNIV-BOUMERDES , (ALG)
24.	414979	Si Tayeb Belkacem	CALCUL DE SECTIONS EFFICACES DIFFERENTIELLES ET INTEGRALES POUR LA DIFFUSION ELASTIQUE DE L'ADN ET DE L'ARN PAR DES PARTICULES CHARGEES	UNIV-BOUMERDES , (ALG)
25.	416079	Rekbi Fares Mohamed Laid	BEHAVIOR OF MATERIALS IN THE PRESENCE OF PARTICLES ADDITIVE TECHNIQUE: A REVIEW	CRTI-ALGIERS, ALGERIE)
26.	417486	Mechakra Hamza	EFFECT OF STITCH ORIENTATION ON TENSILE AND FLEXURAL BENDING MECHANICAL PROPERTIES AND DAMAGE MECHANISMS OF GLASS/EPOXY COMPOSITES LAMINATE	UNIV-BOUMERDES , (ALG)
27.	417238	Ghemid Mouna	INVESTIGATION OF STRUCTURAL AND MORPHOLOGICAL PROPERTIES OF SPRAY PYROLYZED COPPER OXIDE THIN FILMS	CRTSE-ALGIERS (ALG)
28.	417181	Lina Linda Bechohra	ADSORPTION OF CURCUMIN INSIDE SINGLE WALLED CARBON NANOTUBES BASED ON DFT STUDY	UNIV-BAB EZZOUAR, (ALG)
29.	417178	Taferguennit Manel	FACILE SYNTHESIS OF A BINUCLEAR COPPER (II) CARBOXYLATE COMPLEX AS A PRECURSOR FOR COPPER (II) OXIDE NANOPARTICLES.	UNIV-BAB EZZOUAR, (ALG)
30.	417174	Benzitouni Sara	STRUCTURAL AND PHOTOELECTRIC PROPERTIES OF MN-DOPED SNO2 THIN FILMS SYNTHETIZED BY THE SOL-GEL DIP COATING METHOD	UNIV-OUM EL BOUAGHI, (ALG)
31.	417162	Bedjaoui Sabrina	THERMAL STABILITY STUDY OF PHOTO- IRRADIATED PBT UNDER UVA RAYS.	UNIV-BAB EZZOUAR, (ALG)
32.	417117	Bozefine Isma	ETUDE DE L'INFLUENCE DES POURCENTAGES DES CONSTITUANTS DE L'ELECTRODE A BASE DE SI DES BATTERIES AU LI	CRTSE-ALGIERS (ALG)
33.	417103	Tiour Faiza	EFFET DE L'EPaisseur DE LA COUCHE SINX SUR LES PROPRIETES ELECTRIQUE DANS LA BICOUCHE SI3N4/SINX	CRTSE-ALGIERS (ALG)
34.	417066	Bensadok Raouia	THE EFFECT OF ANISOTROPIC STRAIN ON ZRO2 PROPERTIES: FIRST PRINCIPLES SIMULATIONS	UNIV-BAB EZZOUAR, (ALG)
35.	416783	Rania Gacem	POLLUTION ET CARACTERISTIQUES PHYSICO-CHIMIQUES DES SOL SUPERFICIELLES D'OUED CHABROU-TEBESSA	UNIV-TEBESSA, (ALG)
36.	416697	Saidat Fatma	INFLUENCE DE LA NATURE DE CIMENT SUR LE COMPORTEMENT MECANIQUE ET CALORIMETRIQUE DES MORTIERS ACTIVES EN INCORPORANT DE L'ARGILE CALCINEE	UNIV-JIJEL, (ALG)
37.	418851	Badis Bendjemil	INVESTIGATIONS ON THE MANUFACTURING OF DENSE NBTI-SWCNTS BASED NANOCOMPOSITES BY FAST-SPS: FOR BIOMEDICAL AND NANOTECHNOLOGY APPLICATIONS (ITER)	UNIV-GUELMA , (ALG)
38.	418853	A Benmiloud	SOLVENT EFFECT ON THE ELABORATION OF PMMA/SI NANOCOMPOSITE	UNIV-BOUMERDES, (ALG)

Day 1: June 26, 2022

15:50 - 16:45

Poster Session II (Salle - RDC)

TOPICS

T1-T2-T3-T4-T5-T6

**Chairman: Prof. F. BENAYACHE**

N°	Ref. ID	Author	TITLE	Affiliation
1.	416786	M'hand Oughanem	SYNTHESE ET CARACTERISATION DES NANOPARTICULES A BASE DE BIFE (1-X)NI(3X /2)O3, APPLICATION A LA DETECTION DE L'HUMIDITE.	UNIV-TIZI-OUZOU, (ALG)
2.	414297	Kadaoui Mustapha Amine	CHARACTERISATION OF TI/AU/SPAN/N-GAAS HETEROSTRUCTURE WITH DIFFERENT SUBSTRATE CRYSTAL ORIENTATION USING CONDUCTANCE TECHNIQUE.	(ALG)
3.	415765	Beloufa Nabil	STRUCTURAL ELECTRONIC AND OPTICAL PROPERTIES OF BXAL1-XSB AN: AB INITIO STUDY.	LAMIN, (ALG)
4.	415613	Djebablia Ikram	ELECTROCHEMICAL MEASUREMENTS OF A€CENI/GRAPHENE€□ NANOHYBRIDS FOR ELECTROCHEMICAL ENERGY STORAGE APPLICATION	UNIV-ANNABA, (ALG)
5.	415588	Messaid Bachir Eddine	IMPACT OF ELEMENTS DIFFUSED FROM THE METALLIC SUBSTRATE ON THE CISE LAYER PERFORMANCES	UNIV-BOUMERDES, (ALG)
6.	415530	Touati Meriem	SYNTHESIS AND CHARACTERIZATION OF UNDOPED AND MN DOPED NIO THIN FILMS BY SOLA€“GEL SPIN COATING FOR OPTOELECTRONIC APPLICATIONS.	UNIV-JIJEL, (ALG)
7.	415493	Boucherka Teldja	INFLUENCE OF NI DOPING ON THE OPTICAL AND ELECTRICAL PROPERTIES OF NANOCRYSTALLINE SNO2 THIN FILMS FOR OPTOELECTRONIC APPLICATIONS	UNIV-JIJEL, (ALG)
8.	415118	Benharrat Lyes	AN OVERVIEW ON NANOMATERIALS FOR ENERGY CONVERSION APPLICATIONS IN ALGERIA : CRTSE AS A CASE STUDY	CRTSE-ALGIERS (ALG)
9.	415016	Rima Ben Mammam	TIO2 NANOTUBES HYBRIDIZED WITH GRAPHENE FOR ENERGY STORAGE AND PHOTOCATALYTIC APPLICATIONS	UNIV-TIZI-OUZOU, (ALG)
10.	414980	Zeghdoudi Thinhinane	CONTROLE DE LA POLARISATION VIA UNE LAME DEMI-ONDE CONÇUE A BASE DE METAMATERIAUX BIREFRINGENTS	UNIV-BAB EZZOUAR, (ALG)
11.	414741	Drai Ahmed	BENDING OF FUNCTIONALLY GRADED PLATES RESTED ON AN ORTHOTROPIC ELASTIC FOUNDATION	UNIV-MASCARA, (ALG)
12.	414920	Hattali Ahlem	ADSORPTION DU COLORANT ROUGE CONGO PAR UNE NOUVELLE GENERATION DES BILLES GELIFIEES (BIO)NANO-COMPOSITES POREUSES	UNIV-JIJEL, (ALG)
13.	414701	Berrahou Meriam	SYNTHESE ET APPLICATION DES NANOPARTICULES DE ZNO A BASE D'EXTRAIT DE PLANTE	UNIV-TLEMEN, (ALG)
14.	414665	Djennad Mâ€™hamed	FORMULATION AND CHARACTERIZATION OF A PET BASED MEMBRANE FOR METHANE GAS DEHYDRATION	UNIV-MOSTAGANEM, (ALG)
15.	414514	Boudali Belkheir Abdelkader	SYNTHESE DES NANOMATERIAUX ET APPLICATION A L'ADSORPTION DE COLORANT	UNIV-ORAN (ALG)
16.	414228	Mahrez Soumia	NANOTECHNOLOGIE : APPLICATION ET REGLEMENTATION DANS L'INDUSTRIE PETROLIERE ET GAZIERE	UNIV-ORAN (ALG)
17.	414069	Boukezzata Assia	FORMATION DE NANOFILS DE SIC AMORPHE POUR LA PHOTOELECTROREDUCTION DE CO2	CRTSE-ALGIERS (ALG)
18.	413749	Charef Tabti	SYNTHESIS, CRYSTAL STRUCTURE, VIBRATIONAL SPECTRAL INVESTIGATION, CHEMICAL REACTIVITY, HIRSHFELD SURFACE ANALYSIS AND NLO PROPERTIES AND MOLECULAR OF 1,3,4-THIADIAZOL-	UNIV-MOSTAGANEM, (ALG)

Day 1: June 26, 2022

15:50 - 16:45

Poster Session II (Salle - RDC)

TOPICS

T1-T2-T3-T4-T5-T6



19.	413206	Akika Fatima Zohra	ELABORATION OF THE NEW HETEROSTRUCTURE OF NIAL2O4 /KAOLIN AND ITS PHOTOCATALYTIC ACTIVITY TOWARDS METHYL GREEN UNDER SOLAR LIGHT IRRADIATION	UNIV-JIJEL, (ALG)
20.	412585	Guellati Ouanassa	ACTIVATED BIOCHARS WITH DIFFERENT KIND OF POROSITY: WATER DEPOLLUTION APPLICATION	UNIV-SOUK-AHRAS, (ALG)
21.	412522	Boumerdassi Karima	ELABORATION ET CARACTERISATION D'UN MACRO-NANO-COMPOSITE A BASE D'UNE MATRICE POLYETHYLENE HAUTE DENSITE	UNIV-BOUMERDES, (ALG)
22.	414974	Belaribi Imene	FONCTIONNALISATION DE SURFACE STRUCTURE A BASE DE SILICIUM (SI) EN VUE DE POTENTIELS APPLICATIONS EN INGENIERIE TISSULAIRE	(ALG)
23.	408111	Kebir-Medjhouda Aouali Zohra	SYNTHESE DES MATERIAUX AGNPS-SILICATES LAMELLAIRES POUR APPLICATIONS BIOLOGIQUES	UNIV-ORAN (ALG)
24.	415321	Mesbah Abdelhak	FORMULATION ET L'EVALUATION D'UN ELEMENT FINI POUTRE VALABLE A L'ANALYSE DE FLAMBAGE ET DE LA VIBRATION LIBRE DES NANO-POUTRES EN FGM	UNIV-AIN TEMOUCHENT, (ALG)
25.	416610	Benlemmane Widad	ELABORATION D'UN CATALYSEUR	UNIV-BLIDA, (ALG)
26.	416546	Madjour Karim	ETUDE DE LA PROTECTION DE L'ACIER EN MILIEU ACIDE CHLORHYDRIQUE PAR UN INHIBITEUR VERT	UNIV-BLIDA, (ALG)
27.	416538	Mahdadi Rania	BANDGAP MODEL EFFECT ON THE PERFORMANCE OF CU ₂ SN _{1-A} XGEXS ₃ ABSORBER FOR NANOTRUCURED SOLAR CELL	UNIV-SETIF-1, (ALG)
28.	416329	Khalfaoui Kheloudja	ETUDE DES PROPRIETES ELECTRIQUES DES CERAMIQUES MGSIO ₃	UNIV-BOUMERDES, (ALG)
29.	416153	Kellou Hamza	SYNTHESIS, CHARACTERIZATION AND GREEN CONTROL OF CHROMIUM THREE OXIDE NANOPARTICLES	UNIV-TIZI-OUZOU, (ALG)
30.	416130	Bouamer Amirouche	ELABORATION AND CHARACTERIZATION OF PLA/ALO/TI COMPOSITES FILMS	CRTI-ALGIERS, ALGERIE)
31.	416088	Kaddour Houria	EFFECT OF TITANIUM AND THE COARSENING OF AUSTENITE GRAIN ON THE BEHAVIOR OF COLD ROLLED AISI316Ti STAINLESS STEEL	UNIV-BAB EZZOUAR, (ALG)
32.	415921	Benichou Boucif	ELECTRONIC STRUCTURE, MECHANICAL, ELECTRONIC, AND MAGNETIC PROPERTIES OF PD ₂ TIZ (Z = SN, IN) FULL-HEUSLER ALLOYS: A DENSITY FUNCTIONAL THEORY STUDY	UNIV-CHLEF (ALG)
33.	413080	Slimani Hamza	ELABORATION AND CHARACTERIZATION OF CUO/FTO THIN FILMS USING THE SOL-GEL TECHNIQUE FOR SOLAR CELL APPLICATIONS	UNIV-EL-OUED, (ALG)
34.	415866	Sehmi Abdelghani	SYNTHESIS OF SOME NEW TETRAZOLE DERIVATIVE: EVALUATION THEIR PERFORMANCE AS CORROSION INHIBITORS FOR CARBON STEEL	UNIV- SAIDA, (ALG)
35.	415803	Settef Ahmed Tidjani	STUDY THE MECHANICAL BEHAVIOUR OF SINGLE EDGE NOTCHED TENSION (SENT) FOR COMPOSITE MATERIALS (CARBON/EPOXY AND GLASS/EPOXY)	UNIV-BOUMERDES, (ALG)
36.	418852	M. Bouzid	LES NANO PARTICULES DE PHOSPHATES GREFFÉES COMME BIOCIDES ANTI SRAS COV : MÉCANISME	UNIV-BOUMERDES, (ALG)
37.	418987	Salah ROUABAH	TEMPERATURE EFFECTS ON SILICONE--BASED MAGNETO RHEOLOGICAL ELASTOMERS	UNIV-Blida1, (ALG)

Day 2: June 27, 2022

10:15 - 11:00

Poster Session III (Salle - RDC)

TOPICS

T2-T3-T4-T5-T6

**Chairman: Prof. S. BENAYACHE**

N°	Ref. ID	Author	TITLE	Affiliation
1.	413981	Lamrani Sabrina	TEMPERATURE EFFECT ON SILICON NANOWIRES	UNIV-BOUMERDES, (ALG)
2.	413297	Hadjoui Abdelillah	DYNAMICS OF FUNCTIONALLY GRADED NANOSHAFIT VIA THE DIFFERENTIAL QUADRATURE FINITE ELEMENTS METHOD	(ALG)
3.	412663	Ferrah Leila	COHERENT MAGNON TRANSMITTANCE THROUGH SHEAR ZONE IN MULTILAYERED FERROMAGNETIC THIN FILM.	UNIV-BOUMERDES, (ALG)
4.	411811	Djefalia Fahima	SYNTHESIS AND CHARACTERIZATION OF NANO-PANI/ CNTS FOR HIGH PERFORMANCE SUPERCAPACITOR APPLICATIONS	UNIV-SOUK-AHRAS, (ALG)
5.	411444	Djelamda Sara	GEOTHITE NANOFIBERS /CNTS BASED NANOCOMPOSITES SYNTHESIZED BY FREE-TEMPLATE HYDROTHERMAL METHOD AND THEIR PHYSICAL-CHEMICAL PROPERTIES FOR ENERGY STORAGE APPLICATION	UNIV-SOUK-AHRAS, (ALG)
6.	411086	Benaldjia Hana	ELECTROCHEMICAL MEASUREMENTS OF "NICKEL (NI)" MONO-HYDROXIDE AND "NICKEL-ZINC (NIZN)" BI-HYDROXIDE BASED NANOCOMPOSITE	UNIV-SOUK-AHRAS, (ALG)
7.	410092	Benmansour Amel	MONTE CARLO STUDY OF AN ANISOTROPIC ISING MULTILAYER WITH ANTIFERROMAGNETIC INTERLAYER COUPLINGS	UNIV-BAB EZZOUAR, (ALG)
8.	409782	Siad Benamar Mohammed	HALF METALLIC AND FERROMAGNETIC BEHAVIOR OF CUBIC CU ₂ ALMN-TYPE STRUCTURE OF MN-BASED FULL-HEUSLER MN ₂ YSB (Y = CU, RH) ALLOYS: FIRST-PRINCIPLES CALCULATIONS	UNIV-ORAN (ALG)
9.	408729	Kamel Agroui	OPTICAL AND THERMAL ANALYSIS OF EVA ENCAPSULANT POLYMER DOPED ORGANIC NANOPARTICLES DYES FOR PHOTOVOLTAIC APPLICATION	CRTSE-ALGIERS (ALG)
10.	411016	Guellati Ouanassa	PHYSICAL-CHEMICAL PROPERTIES OF THREE CARBONACEOUS NANOMATERIALS (CNTS, GRAPHENE, BIOCHAR) FOR WATER AND SOIL TREATMENT	UNIV-SOUK-AHRAS, (ALG)
11.	410915	Yadi Hind	PRÉPARATION ET CARACTÉRISATION DES NANOMATÉRIAUX, APPLICATION EN CHIMIE ORGANIQUE	UNIV-BAB EZZOUAR, (ALG)
12.	410102	Rezig Walid	CHARACTERIZATION OF SILICEOUS MATERIAL FROM THE ROCKS MODIFIED BY FERRIC OXIDE AND OXYHYDROXIDE AND APPLICATION IN PHOTOCATALYTIC DEGRADATION OF ORGANIC POLLUTANTS IN TEXTILE INDUSTRY	UNIV-ORAN (ALG)
13.	409202	Tabbiche Affaf	PRÉPARATION ET CARACTÉRISATIONS DES MEMBRANES NANOCOMPOSITES À BASE DE PVC/ARGILE PONTÉE AU CHROME POUR LA SÉPARATION DE MÉLANGE BINAIRE TOLUÈNE/N-HEPTANE PAR PÉRVAPORATION.	UNIV-ORAN (ALG)
14.	409015	Ayachi Nabila	EFFET DU PH ET DU RATIO POLYMÉRIQUE DANS LA FORMATION DES NANO COACERVATS GÉLATINE ALGinate DE SODIUM ET APPLICATION À L'ENCAPSULATION D'UN PRINCIPE ACTIF PHARMACEUTIQUE	UNIV-BLIDA, (ALG)
15.	408116	Ouahiba Bouriche	THE FIRST SUCCESSFUL ANODIC OXIDATION OF NEW COPOLYMERS, POLY (NVK-CO-EBT), AND POLY (NVK-CO-EBT)/CNTS, SYNTHESIZED BY ELECTROCHEMICAL POLYMERIZATION.	CRAPC-TIPAZA, (ALG)
16.	408114	Belmir Chahrazed	ETUDE CINÉTIQUE DE COMPLEXATION OU ADSORPTION DU PLOMB PAR UN LIGAND À BASE D'HISTIDINE EN VUE DE DÉPOLLUTION DE L'EAU	UNIV-TLEMEN, (ALG)
17.	408090	Keniche Assia	FORMULATION BACLOFEN BY CYCLODEXTRIN AS ANTI-CRAVING AGENTS	UNIV-TLEMEN, (ALG)

Day 2: June 27, 2022

10:15 - 11:00

Poster Session III (Salle - RDC)

TOPICS

T2-T3-T4-T5-T6



18.	408080	Bouteiba Ali	PHOTOCATALYTIC DEGRADATION OF RHODAMINE B IN AQUEOUS SOLUTION BY BIOCL AND TIO ₂ NANOPARTICLES DEPOSITED ON CUCR-LDH UNDER SUNLIGHT IRRADIATION	(ALG)
19.	408046	Bergane Cheikh	EFFECT OF NANOPARTICLE ON PHYSICO-CHEMICAL AND RHEOLOGICAL PROPERTIES OF DRILLING FLUIDS	UNIV-ORAN (ALG)
20.	408039	Gherbi Bachir	ETUDE DE L'EFFET DU PH DE MILIEU RÉACTIONNEL SUR LES PROPRIÉTÉS DES NANOPARTICULES D'OXYDE MÉTALLIQUE OBTENUE PAR MÉTHODE VERTE ET LEURS APPLICATIONS EN CHIMIE.	UNIV-TIZI-OUZOU, (ALG)
21.	408096	Elhameur Hacene	BIOFABRICATION DE BIONANOPARTICULES ET APPLICATIONS	(ALG)
22.	408092	Keniche Assia	STUDY OF FORMULATION OF MORINGA WITH ALPHA AND BETA CYCLODEXTRIN, AND THE EVALUATION OF ANTIOXIDANT AND ANTIBACTERIAL ACTIVITY	UNIV-TLEMEN, (ALG)
23.	412717	Benslafa Nacera	IMPACT DU CHAMP MAGNETIQUE ISSU DU TELEPHONE PORTABLE SUR LES CELLULES VIVANTES	UNIV-ORAN (ALG)
24.	408410	Benguediab Mohamed	EFFET DES NANOPARTICULES DE SILICE DANS L'ADHESIF SUR L'INTENSITE DES CONTRAINTES	UNIV-SIDI BELABBES, (ALG)
25.	415020	Seddik Larbi	STRUCTURAL STABILITY, ELECTRONIC, MAGNETIC AND MECHANICAL PROPERTY OF QUATERNARY HEUSLER ALLOYS N1CUMNSN	CDER-ALGIERS, (ALG),
26.	415008	Hamlati Zineb	ETUDE DES ALLIAGES NANOSTRUCTURES A BASE DE FER OBTENUS PAR MECANOSYNTHESE	UNIV-BLIDA, (ALG)
27.	414961	Beloufa Nabil	FIRST PRINCIPLES STUDY OF STRUCTURAL ELECTRONIC AND OPTICAL PROPERTIES OF TIXZN1-XO ALLOYS WITH (X = 0, 0.0125, 0.25 AND 0.375)	LAMIN, (ALG)
28.	414650	Mazari Tassadit	DES HETEROPOLYACIDES POUR LA SYNTHESE PROPRE DES COUMARINES. ELABORATION, CARACTERISATION ET APPLICATION CATALYTIQUE	UNIV-ORAN (ALG)
29.	414571	Bouafia Khadra	ETUDE DU COMPORTEMENT PHYSIQUE DES NANOSTRUCTURES POUR LES MATERIAUX FONCTIONNELLEMENT GRADUEES	UNIV-SIDI BELABBES, (ALG)
30.	414351	Bekhedda Kheira	AN INVESTIGATION INTO THE STRUCTURAL PROPERTIES OF SILICON NITRIDE THIN FILMS DOPED WITH CERIUM	(ALG)
31.	414265	Bouchama Lamia	IMPROVEMENT OF ANTICORROSION ABILITY OF NANOPOROUS TITANIUM OXIDE PREPARED BY TWO-STEP ANODIZING PROCESS	UNIV-BLIDA, (ALG)
32.	414121	Zaidi Lydia	EFFET DU RAPPORT AL/GA SUR LES PROPRIETES STRUCTURALES ET LUMINESCENTES DE LU ₂ .97AL ₅ -XGAXO ₁₂ : CE _{0.03} SYNTHETISE PAR LA METHODE SOL-GEL	UNIV-TIZI-OUZOU, (ALG)
33.	413747	Saloua Merazga	SYNTHESE ET CARACTERISATIONS ELECTROCHIMIQUES DES POUDRES NANOMETRIQUES DE TIO ₂ /LTO UTILISEES COMME CATHODE DANS LES BATTERIES LITHIUM-ION	UNIV-ALGER1, (ALG)
34.	413711	Mazari Tassadit	DE NOUVEAUX MATERIAUX HYBRIDES POM-POLYMERES POUR LA REACTION DE BIGINELLI. ELABORATION, CARACTERISATION ET APPLICATION.	UNIV-ORAN (ALG)
35.	415900	Derbil Samia	EVOLUTION DES PROPRIETES OPTIQUES DU POLYMETHACRYLATE DE METHYLE (PMMA) SOUS L'EFFET DE RAYONNEMENTS GAMMA	UNIV-BAB EZZOUAR, (ALG)
36.	419183	Djalila AOUI	ELABORATION D'UN MATERIAU COMPOSITE CHITOSANE/MONTMORILLONITE PAR ELECTRODEPOSITION	CRTI, (ALG)

Day 2: June 27, 2022

16:40 - 17:30

Poster Session IV (Salle - RDC)

TOPICS

T2-T3-T4-T5-T6

**Chairman: Prof. M. BELBACHIR**

N°	Ref. ID	Author	TITLE	Affiliation
1.	408691	Boutabout Benali	ADHÉSIVES NANOSTRUCTURÉS	UNIV-SIDI BELABDES, (ALG)
2.	408095	Djabri Khaoula	STUDY ELASTIC & ELECTRONICS OF PEROVSKITES: DFT+U	UNIV-ORAN (ALG)
3.	407582	Bekhti-Siad Amaria	MAGNETISM OF MN-GE AND CR-GE SYSTEM VIA FIRST-PRINCIPLES CALCULATIONS	UNIV-MASCARA, (ALG)
4.	407551	Baira Melouka	THEORETICAL INVESTIGATIONS OF OPTOELECTRONIC AND TRANSPORT PROPERTIES OF LEAD-FREE DOUBLE PEROVSKITE CS ₂ TIX ₆ (X = CL, I) FOR SOLAR CELL APPLICATIONS	UNIV-MASCARA, (ALG)
5.	407423	Zegadi Chewki	ETUDE DE L'EFFET DU SUBSTRAT SUR LA CROISSANCE DES MICROSTRUCTURES D'OXYDES METALLIQUES À BASE DE ZINC	ENP-ORAN (ALG)
6.	407383	Ziouche Aicha	ELABORATION ET CARACTÉRISATION DES NANOPARTICULES À BASE DE MGO PAR VOIE CHIMIQUE POUR APPLICATION PHOTOVOLTAÏQUE	CRTI-ALGIERS, ALGÉRIE)
7.	407121	Mehyaoui Rabah	OPTOELECTRONIC AND THERMOELECTRIC PROPERTIES OF THE HALIDE PEROVSKITE MATERIAL RBSEBR ₃ USED FOR LOW-COST PHOTOVOLTAICS.	(ALG)
8.	407103	Bennia Ayoub	NUMERICAL SIMULATION OF LAMINAR FORCED CONVECTION FLOW OF NANOFUIDS USING DISCRETE PHASE MODEL.	UNIV-MÉDÉA, (ALG)
9.	407102	Bennia Ayoub	NUMERICAL SIMULATION OF TURBULENT NANOFUID (FE ₃ O ₄ -WATER) FLOW UNDER A CONSTANT MAGNETIC FIELD.	UNIV-MÉDÉA, (ALG)
10.	407828	Hicham Kouadri	ETUDE DES PROPRIETES ANTIBACTERIENNES ET DE LA RESISTANCE À LA PHOTODEGRADATION DES NANOCOMPOSITES PP-HDPE À BASE DE NANOCCLAY ET D'OXYDE DE ZINC.	UNIV-SÉTIF-1, (ALG)
11.	407402	Kessouri Adel	SYNTHESIS AND CHARACTERIZATION OF IRON-AL-MFI NANOCRYSTALS AS CATALYSTS FOR PHENOL OXIDATION.	(ALG)
12.	417829	Hadjer Chatta	SYNTHÈSE ET CARACTÉRISATION DES OXYDES NANOMÉTRIQUES À FORT POTENTIEL APPLICATIF EN PHOTO-CATALYTIQUE.	UNIV-LAGHOUEAT, (ALG)
13.	417831	Sara Allaoui	PARTICLES SIZES EFFECT ON GAP ENERGY VALUE OF COBALT IODATE NANOCRYSTALS	UNIV-LAGHOUEAT, (ALG)
14.	407278	Gharbi Amira	ETUDE DE L'ACTIVITÉ ANTIOXYDANTE ET INHIBITRICE DE L'EXTRAIT DU F. ELASTICA SUR LA CORROSION DE L'ACIER EN 1M HCL	UNIV-SOUK AHRAS (ALG)
15.	407248	Lahouel Anas Abderrahmane	NOUVEAUX NANOCOMPOSITES CONDUCTEURS À BASE DE MAGHNITE.	UNIV-ORAN (ALG)
16.	407107	Bouziane Houria	CARACTÉRISATION DU COMPLEXE CASÉINATE DE SODIUM/GOMME DE XANTHANE EN FONCTION DU PH EN MILIEU AQUEUX	UNIV-BAB EZZOUAR, (ALG)
17.	407072	Khalili Benyoucef	SYNTHESIS OF TRANSITION METALS OXIDE-BASED NANOCATALYSTS AND THEIR APPLICATION IN PETROCHEMICAL.	UNIV-BOUMERDES, (ALG)
18.	407044	Abbaci Fatima	CARBON-BASED NANOSTRUCTURED CARBON MATERIAL FOR WASTEWATER TREATMENT	UNIV-ANNABA, (ALG)

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Poster Session IV (Salle - RDC)

TOPICS

T2-T3-T4-T5-T6



19.	406877	Miloudi Mustapha	ADSORPTION OF ASPHALTENES FROM CRUDE OIL BY CARBON NANOTUBES	UNIV-BOUMERDES , (ALG)
20.	407114	Ziar Hasnia	Les outils de la nanotechnologie pour une application prometteuse en biologie et en médecine.	UNIV-MOSTAGANEM, (ALG)
21.	408067	Soumia Benguediab	INFLUENCE DU PARAMÈTRE ECHELLE SUR LA REPOSE MECANIQUE DES NANO-POUTRES	UNIV-SAIDA, (ALG)
22.	412172	Lamri Younes	ELABORATION AND CHARACTERIZATION OF A COMPOSITE BASED ON INORGANIC WASTE FOR ELECTROMAGNETIC WAVE INSULATION APPLICATION	UNIV-BOUMERDES, (ALG)
23.	411749	Meloussi Mounir	DISCONTINUOUS SHEAR THICKENING OF CONCENTRATED SUSPENSION IN ROTATIONAL AND CAPILLARY RHEOMETERS.	UNIV-BOUMERDES, (ALG)
24.	410980	Hassina Boussak	EFFET DE L'AJOUT DES ARGILES LOCALES SUR LES PERFORMANCES ET LA STABILITE DES BRIQUES ROUGES	UNIV-BOUMERDES, (ALG)
25.	407275	Addou Oussama	ETUDE DE PREMIER PRINCIPE DES PROPRIETES PHYSIQUES DE L'ALLIAGE YBPTBI	UNIV-AIN TEMOUCHENT, (ALG)
26.	407187	Fatah Tougherghi	MICROSTRUCTURAL CHARACTERIZATION AND MECHANICAL BEHAVIOR OF WC-NI COATING ON CARBON STEEL SUBSTRATE	LSME, (ALG)
27.	407032	Benzekri Benallou Mokhtar	ETUDE DE L'ADSORPTION DU COLORANT AZOIQUE PAR CHARBON ACTIF ISSU DE COQUES D'AMANDE	(ALG)
28.	419205	HAMIDATOU Smail	ELABORATION D'UN MATERIAU COMPOSITE CHITOSANE/MONTMORILLONITE PAR ELECTRODEPOSITION	UNIV-BOUMERDES, (ALG)
29.	406984	Sahi Samira	ETUDE DES PROPRIETES PHYSICO-MECANQUES ET MORPHOLOGIQUES D'UN NOUVEAU MATERIAU COMPOSITE A RENFORT VEGETAL	UNIV-BEJAIA, (ALG)
30.	406675	Roguai Sabrina	EFFETS DU DOPAGE AU COBALT SUR LES PROPRIETES STRUCTURELLES, MICROSTRUCTURALES ET OPTIQUES DES COUCHES MINCES DE ZN ¹ -XCOXO PAR PULVERISATION ULTRASONIQUE.	UNIV- KHENCHELA, (ALG)
31.	406513	Boufades Djamilia	SYNTHESIS AND CHARACTERIZATION OF CARBON NANOTUBES VIA GAS CONDENSATE PYROLYSIS OVER FE/AL ₂ O ₃ CATALYST	UNIV-BOUMERDES, (ALG)
32.	406217	Chaima Zouzou	KINETICS OF PACK-BORIDING OF EN-GJL-250 LAMELLAR GRAY CAST IRON	UNIV-BAB EZZOUAR, (ALG)
33.	417978	Brahim Chebbab	CARACTERISATION D'UN NANO COMPOSITE A BASE DE POLYETHYLENE (PEHD) RENFONCE AVEC DES PARTICULES D'ARGILE	UNIV-BOUMERDES, (ALG)
34.	419147	M Boudoukhani	FORMULATION AND CHARACTERIZATION OF XANTHAN BASED NANOCOMPOSITE HYDROGELS	UNIV-MÉDÉA, (ALG)
35.	419146	Rihab CHIKHAOUI	SYNTHESIS AND CHARACTERIZATION OF NEW NANOMATERIAL BASED ON NICKEL IODATE	UNIV- LAGHOUAT , (ALG)
36.	419179	K. Addouch	ADSORPTION OF EMERGING POLLUTANT ON RAW CLAY	UNIV-MÉDÉA, (ALG)