



Faculty of Exact sciences and computer science,

University of Djelfa 17000 DZ Algeria



The 1st National Conference on Matter Sciences (NCMS 2023)
Djelfa on 20 December 2023, Algeria

Lien: <http://conference.univ-djelfa.dz/ncsm2023/>

Program

12 h 30	Welcome
13 h 00 – 13 h 30	Opening Ceremony Professor Ailam EL-HADJ, Pr. FODILI Mokhtar Pr. MESSELMi farid, Dr. Aissaoui REGADIA
13 h 30 – 14 h 10	Plenary Session 1 Green Corrosion Inhibitors Professor Dr. Mahmoud FERHAT Ammar Theliji University - Laghouat Chairs : Pr. FODILI Mokhtar and Dr Aissaoui REGADIA
14 h 10 – 14 h 50	Plenary Session 2 Radiologie et Radio isotopes: Production et Applications en industrie et médecine Professor Dr. Saadi Slami Ziane Achour university- FECS- Djelfa Chairs : Dr. Aissaoui REGADIA and Pr. Messelmi FARID
14 h 50 - 15 h 15	Coffee break

Oral Sessions A

	Session 1 Conference room	Session 2 Room 1	Session 3 Room2
Chairs	<i>Dr MAKHLOUFI Sofiane and Dr KERZABI Rachida</i>	<i>Dr Mahi Nabil and Dr Mouafek Abdessamed</i>	<i>Dr Rabah Moussa and Dr Lahoual Mohamed</i>
15h20 - 15h35	ID 312 Kelthoum Saad Allah , Chifaa Ad, Mebrouk Djedid , Mokhtar Benalia, Mitigating the Hazards of Synthetic Dye Contamination Using Green Adsorbents	ID 375 Amel Naam , Safia Benothmane, The Ionic collision operator in hot plasmas	ID 008 Ahmed Memdouh Younsi , Mohamed FETTILINA, Lakhdar GACEM Structural, electronic and optical properties of KZrS₃ and NaZrS₃ materials; A theoretical study
15h35 - 15h50	ID 003 Kheira Haiouani , Efficient synthesis of N-Fmoc-protected 1-substituted taurines with diverse functional side-chains	ID 277 Saadiya Afeissa , Larbi Boukezzi, Lakhdar Bessissa, Amina Loucif, Effect of accelerated ultraviolet radiation aging on the	ID 241 Noudjoud Lebga , Khelil Bouamama, Philippe Djemia and Salim Mourad Chérif Ab-initio calculation of second, third order elastic constants and



		properties of XLPE materials Cable Insulation	photo-elastic constants of β -SiC
15h50 - 16h05	ID 005 LAIB Nouri , BENYAHIA Azzedine ,DEGHFEL Nadir , Melouki Azzedine , Chouki Farsi Valorisation et traitement chimique de fibre de Cynodon par hydroxide de souduim/ polyester insaturée	ID 081 Ahmed MOUISSI , Rabah TOUAIBI Study of the performance of a combined system of Organic Rankine Cycle with Solid Oxide Fuel Cell.	ID 262 Khaoula Djennane , Nour ElhoudaDehimi, Kawther Meliani and Mourad Dehbaoui DFT calculations of structural, elastic and electronic properties of two half-Heusler compounds
16h05 - 16h20	ID 031 Mohamed Kouider Amar , Soufiane Rahal, Maamar Laidi, Mohammed Moussaoui, Global Optimization of Solid Lipid Microparticles via Modeling the Transient Flow Rheology with ANN-ALO Hybridization	ID 157 ADJOUZ RAZIKA , ALLAM ZEHOR Performance optimization of the Performance of the $\text{CH}_3\text{NH}_3\text{SnI}_3$ solar cell	ID 086 Abdallaoui Doua , MEFTAH AFAK and abdallaoui Maroua, Effect of active layers and ETL materials in perovskite solar cell
16h20 - 16h35	ID 074 BRICHI Nour elhouda , BATANA Fatima zohra, DJEDID Mebrouk; HADJ AISSA Romaisa; Experimental study of cationic dye removal by natural bentonite	ID 381 Halima HABIEB et Nasr-Eddine HAMDADOU, Experimental study of annealing temperature effect on physical properties of tin oxide SnO_2 thin films	

Poster Sessions A

	Session 1 Hall	Session 2 Hall
Chairs	Dr DERDOUR Maamer and Dr REBHI Elmahdaoui	Dr Bourannane Mohamed and Dr Issaad Mohamed
16h35 17h30	ID 032 Khaldia Sediri , Bennabi Lamia , Khan Yasmina, Kedjar Nedjla Formulation, Characterization of Lopinavir-loaded microspheres by Plackett-Burman Design	ID 002 HEBBACHE Khaled , AIADI Oussama , MOSTEFAI Belkacem, KHALDI Anouar Microscopy Image Security via Watermarking Techniques.
	ID045 Khaoula Kouchkar , Youcef Boumedjane, Theoretical study of the regio- and stereoselectivity of the 1,3-DC reaction of C-diethoxyphosphoryl-N-methylnitron with N-(2 chlorophenyl) acrylamide.	ID 101 Seksak Youssef , Lakhdar Gacem, khalifa Abderrahmane First-principles study on the structural, electronic and optical properties of $\text{CrPO}_4\text{-BPO}_4$
	ID053 Boursas Fawzia , Intermolecular Interactions and Electrostatic Properties of the 1-[2-(4-Isobutylphenyl)propanoyl]-thiosemicarbazide: Implications for Supramolecular	ID 063 Abderrahim SIASSI , Rabie AMARI, Abdelhalim KAHOUL, Bahri DEGHFEL, Salim DAOUDI, Study of Structural, Electronic and Optical Properties of Ag Doped ZnO Nanoparticles by Co-precipitation Method
	ID065 Ben amara nayl elmebrouk , Hachi Mohamed ; Ben Mohamed soumia, Chromium Tolerance Enhancement of Wheat (Triticum Turgidum) Cultivated in Chromium Polluted Soils	ID 127 Achouak ZEBEIR , Zehour ALLAM, Mostefa MAACHE, Loumafak HAFAIFA, Optimisation des Cellules Solaires CuInSe_2 à Couche Mince : Simulation SCAPS-1D et Influence de l'Épaisseur Absorbante
	ID069 Nacira. Siad ; Chahrazad. Hamia, Mohamed. Benalia; Ammar. Djeridan; Mohamed. Yousfi, Dosage des phénols totaux et évaluation de l'activité antioxydant des combinaisons binaires de quelques variétés de miel algérienne	ID 281 Saadiya Afeissa , Larbi Boukezzi, Lakhdar Bessissa, Amina Loucif, FTIR analysis of silane and peroxide XLPE materials Cable Insulation under accelerated ultraviolet radiation aging
	ID419 Meriem Ben seghier , Mohamed Lakhdar Belfar , Assia Belfar , Brahimi mohamed habib The chemical composition, phenolic contents of the heart of Phoenix dactylifera.L	ID 283 Amar KOUADRI, Embarek DOUROOM, Mokhtar ZAITRI, Tayeb BENLAIB, CFD analysis of thermo-hydraulic mixing in short microfluidic devices



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	<p>ID073 Khelifa Sonia, SalimaBENDEBANE , Farida BENDEBANE; Extraction of cationic dye using an emulsified liquid membrane.Implementing a screening strategy</p>	<p>ID 289 Djemaa Belakhal, Zehor Allam, Mouna Achoura Mouafki, Asma Khodja, L'effet de la température sur les paramètres photovoltaïque d'une cellule solaire CIGS</p>
	<p>ID079 Aidi Taib Oussama, Yousfi Mohamed, Nia Samira, Quantification des composés lipidiques de la partie arienne du Arthropytum Scoparium L.</p>	<p>ID 306 Fathi MESSAOUDI, Noudjoud LEBGA ,Elhadj BENREZGUA, Rabie AMARI, Bahri DEGHEFEL,Abdelhalim KAHOUL, Structural, optical and photoluminescence Properties of pure ZnO and Mn-Doped ZnO Thin Films Grown by Sol-Gel Spin Coating Deposition.</p>
	<p>ID086 Salim Madania, Kamel Mokhnache, Bouabdellah Rania, Chabane wided, Nouredine Charef, Synthesis, Characterization and Study of the Biological Properties of the New Schiff Base and its Metal Complexes</p>	<p>ID 075 El Amine. Nebbat, R. Annou; Effect of magnetized ions in dust vortex structure in dusty plasma</p>
	<p>ID089 Mokhtar Benmohamed, Wafa Zahnit, Mohammed Messaoudi , Sihem Boubekeur Hamza ouakouak;Mostefa Khelloufi,Mohamed Harrat; Mohamed Yousfi .Study of alpha-amylase and urease inhibitory activities of Unripe Fruit of Pistacia atlantica aqueous extract</p>	<p>ID 225 TAIEB Saadi, Z. Charifi, H. Baaziz, Theoretical investigation of the electronic and optical structure of a new type II-IV-V₂ material: photovoltaic application</p>
	<p>ID090 BENNACER Nour El Houda, NACEUR Mohamed Wahib, HAMITOUCHE Houria, dry Synthesized ferrate for waste water treatement</p>	<p>ID 140 Djalel Mebarki, Souad Dilmi, Salima Saib, Nadir Bouarissa, Souad Louhibi-Fasla, First principles study of the Structural, Electronic and mechanical properties of intermetallic compounds</p>
	<p>ID110 <i>Saber Oumeriche; Regadia Aissaoui, Nawel Chiboub ;, Mohamed Nadjib Rebizi, Bouami Mohammed,Ben Amara Nail ELmebrouk, Yahiaoui Ahmed,Hammou zoubida, Ghannia larou, Saliha gacem,Amina hadjaj, Synthesis of ZnS nanoparticles with anti-bacterial properties by two methods</i></p>	<p>ID 037 Mohamed Lamine BELKHIR, Ahmed GUEDDOUH, Mohamed Elsaid SARHANI, Spin Gapless Semiconducting behavior and Half-metallic ferromagnets features of new series RhCoVX (X = Al, Ga, and In) based quaternary Heusler Alloys.Ab-initio study.</p>
	<p>ID128 Hanane Bouzekri, Abdelkader Bacha; Utilisation de surfactant à base de coumarine dans les peintures antisalissures</p>	<p>ID 267 Chelali Lakhdar, Nadir Bouarissa, Mezrag Fadila, Ibrir Miloud, Electronic structure and optical properties of Ga_{1-x}In_xN in photovoltaic energy application</p>
	<p>ID142 Guibadj Fatma Zohra, Boukhalkhal Sarah., Bengacheoua Imene Mebarka., Yousfi Mohamed, Analyse phytochimique et proprietes anti radicalaires des huiles essentielles Rosmarinus Officinalis</p>	<p>ID 203 Zineb Ibtissem GOUCHIDA, Yazid BENBOUZID, Mostefa MAACHE Etude Monte Carlo du transport de charges dans les chalcogénures semi-conducteurs à base de Zinc en vue des applications photovoltaïques</p>
	<p>ID162 GACEM Saliha; AISSAOUI Regadia ; LAROUI Ghania; BOUAMI Mohammed ; SABER Oumerich ; ZOUBIDA Hammou ; AMINA Hadjaj ; BELkir Soufi ; AHMED Yahiaoui ; NAYL Ben amara., Study Of A Reactional Mechanism (Case Of An Aminopyranone)</p>	<p>ID 213 Hiba Elarabi, Friha Khelfaoui, Keltouma Boudia, Mohammed Hadbi, Mohammed Lamine Fodieli, Analysis of Crystal Structure in Double Half Heusler alloys</p>
	<p>ID 179 Tayeb BENKOUIDER , Yazid DEROUICHE, Lahcene SOULI, Mohammed BOUCHAKOUR , Ulrich MASCHKE , Mohammed BOUAMI, Dielectric properties of propylene glycol diacrylate monomers</p>	<p>ID 311 Said CHAHLAT, Lahcene NASRİ, Sabrina BOUNAB,Abdelouheb BENTABET, First-principles study of the Physical properties of the Half-Heusler alloys</p>
	<p>ID 192 Moufida Beroual, Benlembarek maroua, Physicochemical properties of nanocrystalline cellulose isolated from microcrystalline cellulose of esparto grass</p>	<p>ID 139 Zohra Yellas, Cascaded multi-wavelength generation in a 2D-PPLT with a square lattice</p>
	<p>ID 439 Salah-Eddine RAHMANI , Mohamed N. REBIZI and Tayeb BENDERRAH, Methylene blue dye removal from aqueous media using activated carbon prepared by Malva leaves</p>	<p>ID 104 REZIG Ahlem, MANSOURI Mouloud, Discrete Element Method for Modeling Granular Materials</p>



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	ID 440 HAFSI ZOULIKHA , KHANE YASMINA; Influence of Titanium Dioxide Nanoparticles on the Physical and Mechanical Performance of Poly(EthyleneAdipate) Composite Thin Films	ID 255 Mahi Eddine Brahimi , Mustapha Maliki, Nadia Laredj, Hanifi Missoum, Jihad Bennaceur , Kheira Belhamideche, Numerical analysis to enhance energy efficiency in bricks specifically tailored for hot climates in Adrar
		ID 271 AICHA Mohadi and Mohamed ABDELOUAHAB, Quantum Information in Stationary Curved Space-Time

Online Sessions A

Chairs		Pr MAACHE Mostefa, Dr Aissaoui Reguadia, Dr ALLAM Zehor and Dr BELAKHAL Djemaa
N	ID	Authors and Title
01	ID 251	Basma BENHOURUIA , Mohamed Toufik SOLTANI <i>Investigation of the Structure and Luminescence of Eu3+Doped Sb2O3-K2O- WO3 Glasses</i>
02	ID 329	Aouatf Belghit , Slimane Merouani OXIDATION OF ORGANIC POLLUTANTS IN WATER BY OXIDIZING SPECIES ACTIVATED BY DIFFERENT TECHNIQUES
03	ID 310	Hayet Briki , N. Abdellaoui , O. Arous , F. Metref ,D.Akretch <i>Nouvelles membranes plastifiées pour l'élimination de métaux lourds : Elaboration, caractérisation et application à la dialyse</i>
04	ID 219	Wafa BENABID , Sabrina BENDIA and Kamel OUARI CHEMICAL AND PHARMACEUTICAL PROPERTIES OF A NOVEL ORGANOMETALLIC MATERIAL
05	ID 369	BENDIDA Imane , LIANI Bachir , CRESSAULT Yann <i>The application of the law of mass action for the calculation of the plasma composition</i>
06	ID 97	Hasnia BENMOUSSA , Meriem BENABED, Miloud RAHO <i>Solvent free microwave assisted extraction of essential oil from Citrus peel</i>
07	ID 136	Kawther Fatima Zohra Ezzine , Mohammed Chams Eddine Ezzine ,Fatma Litimein,Houari Khachai, Abdelkader Yakoubi <i>Physical and Thermoelectric Properties of the BiNMg3 compound by FP-LAPW method.</i>
08	ID 375	Bourhefir Ranida , Saidi Hanane ,Hamani nedjette, Attaf Abdellah,Ben khetta Okba,Youcef Amina <i>Effect of thickness on morphological properties of In2O3 thin films deposited by ultrasonic spray</i>
09	ID 171	Ines CHAREF , Selma TOUAM , Akila BOUMAZA , Maroua GACEM , Fatima Zohra KHELIFATI <i>La simulation des propriétés physiques des semi-conducteurs III-V par le simulateur WIEN2K.</i>
10	ID 411	Sara CHIKHI , Chahrazed BOUKHALFA <i>Etude de l'oxydation du méthylorange et de l'acide orange7 par le procédé Fenton (Fe(II)/H2O2).</i>
11	ID 356	Djamel-Eddine MISSOUM , Kaddour BENCHERIF <i>Exploring the elastic and optical properties of ternary half-Heusler compounds via an ab initio approach.</i>
12	ID 112	Assia Hamzaoui , Abdelaziz Aouiche ,Soraya Gouder , Melkia Chaouki <i>Advanced Photonic Crystal Fiber Surface Plasmon Resonance Sensor for Low Refractive Index Detection in Medical Applications</i>
13	ID 221	Ourdia Benabdellaziz , Youcef kamla, Ahmed Mouissi PERFORMANCE OF A DUAL HELICAL RIBBON IMPELLER IN A TWO-PHASE (LIQUID -LIQUID)
14	ID 230	Ourdia Benabdellaziz , Youcef kamla, Ahmed Mouissi HEAT TRANSFER AND PRESSURE DROP CORRELATIONS FOR LAMINAR FLOW IN STATIC MIXER
15	ID 319	Laali Zineb , Rihab Boushaba , Khatima Kaabeche-Djerafi <i>Valorization of olive waste for the production of added-value products</i>
16	ID 386	DEHBI Atallah , BENCHIKH Imene <i>Modeling adsorption in M-Zeolite: application to catalysis and the environment</i>
17	ID 299	Bachir Dehina , Ibn Khaldoun Lefkaier <i>Etudes thermodynamique de la ségrégation des surfaces des nanoparticules. Application au système Cu-Ni</i>
18	ID 399	Rabaa Houili , Mohamed Yacine Hammoudi , Marah Bacha , Abdenacer Titaouine <i>Enhanced Identification and Simulation of Photovoltaic Systems</i>
19	ID 71	Rabia Besserni ,Abdallah Reghioua , Djamel Atia, Abdelkrim Rebiai <i>Development of adsorbent materials to remove pollutants from the aquatic environment.</i>
20	ID 408	Chabane SI AHMED ,Mohamed Amin BOUZIDI 1 Belkacem MEZIANI ,Ahmed OULD AMER,BELAID Hichem <i>L'influence physico-chimique dans les matériaux de construction écologique</i>
21	ID 184	KHALED Imane Meriem , KHENICHE Abdelhakim , TRARI Mohammed , GRISSI Khadidja et SOLTANI Soufiane <i>Propriétés physique et photochimique de l'hétéro-jonction ZnCo2O4/ZnO : Application dans la photo dégradation du l'Indigo Carmine</i>



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22	ID 243	Marwa DJARALLAH , Touhami LANEZ, Lazhar BECHKI, Aicha ADAIKA, Elhafnaoui LANEZ IN SILICO STUDY OF FERROCENE DERIVATIVE AS INHIBITOR OF IL-6 IN IMMUNE-MEDIATED INFLAMMATORY DISEASE
23	ID 265	BENARBIA Meriem , HAMROUN Mohammed Salah Eddine, ARABECH Khadidja, BARKA Wissam, SEFIAN Naima and Yahia Harek Synthesis and characterization of Ce 3+ doped Lu x Y 1-x AlO 3 nano-phosphors
24	ID 250	Aya Latif , Louiza Arab, Ahcen Keziz Effect of bismuth doping on the ZnO nanopowder synthesized by sol-gel method
25	ID 302	Zoubir BENKHANOUCHE , Khaled BOUFALA Transition Metal Adsorption on Armchair Carbon Nanoribbons: A Density Functional Theory Study
26	ID 164	AISSA Benhammou , MED Amine Hartani Fuel-Cell-Based HEVs: Optimizing Renewable Energy Integration and Efficiency Through Kinetic Energy Harvesting.
27	ID 103	Youssef Driouche , Meriem Ferfar, Amel Bouakkadia, Hamza Haddag Use of GA- MLR for a QSPR study on boiling point of polycyclic aromatic hydrocarbons
28	ID 353	Bouchra ELHADJ DAOUADJI , Farouk ZAOUJ, Amel Iles, Khadra SOBRİK, Saadia BELKİOUR, Boumediene BOUNACEUR, Fouad LEBSIR Synthesis of new nanocomposite using classical and ultrasound methods. Elimination of organic pollutants.
29	ID 432	HADJ ABDERRAHMANE Saida , Mme AFIRI Ryma et Mr GABI Smail Étude de l'influence de la macro texture et la micro texture sur le drainage des matériaux -essai de surface .
30	ID 165	FELLAGUE CHEBRA Abdelhak , FOUAL Mohammed Etude sur l'optimisation de l'efficacité de refroidissement des composants électroniques grâce aux ailettes de direction de l'écoulement
31	ID 17	Maroua GACEM , Selma TOUAM, Fatma GUENFOUD, Ines CHAREF and Ibtissem BENDJEDIDE 1 st principle study of the fundamental properties of binary compounds
32	ID 110	Nawel HAMBLI , Faïçal AZZOUZI, Abdesselam BOUGUERRA, Bassma HAMDİ, Dikra BOURASS, Salaheddine BENCHELLALI Kink soliton solution for the inhomogeneous higher-order non-linear Schrödinger equation in the presence of quadratic-cubic law nonlinearity
33	ID 270	Hicham Salhi , Adel Baiti Investigating the impact of a magnetic field on natural convection in a square cavity filled with nanofluid through numerical analysis
34	ID 160	Ibtissem BENDJEDIDE , Selma TOUAM, Toufik FOUGHALI, Amel GASMALLAH, Maroua GACEM DFT study of the physical properties of binary compounds Ysb and YBi.
35	ID 177	Imene Boussaha , Zahra Malou and Mohamed Hamidouche Experimentation And Adjustment For higher Quality Local Enamels
36	ID 207	Loumafak Hafaija , Mostefa Maache, Selma Rabhi Impact of double buffer layer on the performance of CIGS thin film solar cell
37	ID 99	Zineb HAMIDA , Saida MARMİ, Malika NOUADJİ, Linda ABDALI Use of Lavande as new green corrosion inhibitor for carbon steel in 1M hydrochloric acid solution
38	ID 413	Khadidja GRISSI , Hichem SEDRATI, Mohamed Cherif BENACHOUR, Imane KHALED and LOUBNA DEBACHE Synthesis, Characterization and application of TiO 2 Nanoparticles via Sol- gel Method
39	ID 340	S. Karkour , A. Bouhemadou Structural, electronic and optical properties of newly synthesized compound Ti2 CdSnSe4
40	ID 116	Marwa GHOUZİ , Khaled Sekkoum, Nasser Belboukhari Innovative synthesis methods of warfarin using alternative solvents
41	ID 191	Guettai Hakima , Sebaa Fatima Zohra Synthesis of nanotubes based on tartaric acid
42	ID 20	Lamia KARA ZAITRI and Sidi Mohamed MEKELLECHE Effects of the relative position of donors on TADF properties in the DMA-substituted diazine derivatives : A DFT study
43	ID 389	Soumaia KHALDI , Abdelfattah ALLAOUI et Louiza ZENKHRI Combustion synthesis and characterization of copper chromite spinel at different calcination temperature
44	ID 18	Nadia Kharchi , Brahim Barkat Influence of alkaline treatment on the thermal properties of biocomposites (Ampelodesmos mauritanicus / polylactic acid)
45	ID 293	Z. Laouichi , M. Aksouh, Y. Salhi Simulation numérique d'un écoulement monophasique dans un milieu poreux en présence d'une singularité



46	ID 421	LARBA Seif , Mourad boukachabia <i>Synthesis of carboxylic anhydrides under the optimal conditions predicted by the Response Surface Method</i>
47	ID 242	Noudjoud Lebga , Khelil Bouamama , Philippe Djemia and Salim Mourad Chérif <i>Ab-initio calculation of second, third order elastic constants and photo-elastic constants of β-SiC</i>
48	ID 19	Leila MEKHALEF BENHAFSA , Yahia AZZAZ <i>DFT study of electronic and optical properties of bromide perovskite BaLiBr_3</i>
49	ID 98	Benkouachi Oumnia Rayane , Bouguettoucha Abdallah , Madi Kamilia <i>Experimental and Theoretical Study of Methylene Blue Adsorption on a New Raw biosorbent- A Statistical Physics Assessment</i>
50	ID 269	H.Mansour <i>The causal Bohmian quantum theory</i>
51	ID 199	Marah Bacha , Amel Terki , Rabiaa Houili , Madjda Bacha , Imad Youcef <i>Analysis of the Impact of Bypass Diode Failure on Solar PV Module Performance</i>
52	ID 430	Marah Bacha , Amel Terki , Djallal Eddine Zabia , Madjda Bacha , Imad Youcef <i>An Intelligent Fault Detection Model Based on Fuzzy Logic for Photovoltaic Panel</i>
53	ID 170	H. Mekki , H. Baaziz , Z. Charifi <i>Theoretical prediction of the electronic structure and optical properties of $\text{ScNbNi}_2\text{Sn}_2$ double-half Heusler alloy</i>
54	ID 245	Farouk.mesrafet , Younes.MENAIL, Djaber.Bouhafara <i>Studying the delamination process resulting from the drilling of carbon composites in orthopedic structures.</i>
55	ID 192	Loubna Melaab , Saadi Lamari <i>Spin Properties and Rashba Effect in a [100] GaAs/AlGaAs Double Quantum Well: A Comprehensive Theoretical Study.</i>
56	ID 147	Hafsa Mokri , Nedjla Kedjar , Leila Boukli-Hacene <i>Synthèse et caractérisation du MOF pour l'élimination d'un polluant organique par la technique d'adsorption</i>
57	ID 181	Youcef Islam TOUAHRIA , Nadjib CHAFAI, Wahiba MOUMNI, Abir BOUBLIA ,Mona MEHRI <i>Organic synthesis , Antioxydant activity , DFT of tow new hydrazones derivatives</i>
58	ID 36	Naima Touafek , Nacera Baali , Djanet Belkharouché and Souad Belhour <i>Synthesis And Assesment Of Antioxydant Activity Of Spent Coffee Grounds Chemically Activated With Potassium Hydroxide</i>
59	ID 305	NADA BOUMAZZA , WISSEM BOUGHOUICHE, IMENE ABID, YAZID MESSAOUDI AND AMOR AZIZ <i>Synthesis thin film materials Co-Ni and Co-Ni-P for use as eco-friendly electrodes in clean energy applications.</i>
60	ID 197	Narimene Chahbaoui , Saida Khamouli , Achouak Achour <i>Pharmacophore-based virtual screening, molecular docking, and MM- GBSA calculations for the identification of novel curcumin derivatives against pancreatic cancer</i>
61	ID 200	MOHAMED CHENOUI , HOCINE TEBANI , DJILALI BENYOUCEF , NESRINE LABDOUNI <i>Solving the Boltzmann equation to obtain the electron transport coefficients in pure Co_2</i>
62	ID 22	Bouhallas chourouk , Abdallah el hadj abdallah and Ammi yamina <i>Modeling the solubility of favipiravir (as an anti-COVID-19) in supercritical carbon dioxide using artificial neural network (ANN)</i>
63	ID 381	BENKHIRA Latra , FERHAT Mohammed Fouad , MESSAI Ridha , Bounedjar Nourelhouda and BEN AISSA Abir <i>Investigating the application of semiconductor nanoparticles in photocatalytic activity</i>
64	ID 40	Ihab Eddine Houalef , Ismail Bensaid and Ahmed Saimi <i>Vibration analysis of Functionally Graded beams based on Higher order beam theory Using Differential Quadrature Finite Element Method</i>
65	ID 285	KADDECHE Chems El Acil , AMIRAT Samia , BOUTALEB Yassira <i>The effect of the electrodeposition duration of ZnO thin films</i>
66	ID 422	Boucif Benichou , Halima Bouchenafa , Zakia Nabi , Badra Bouabdallah <i>DFT investigations on electronic structure, mechanical stability, and magnetism in the ternary full-Heusler alloys Pd_2ZrZ ($Z = \text{Ga}, \text{Al}$)</i>
67	ID 28	Loubna Benhabib ; Zakia Hadjou Belaid <i>Optimisation of the photovoltaic efficiency of a cell based on GaAs</i>
68	ID 355	M. Ghemid . H. Benathmane , A. chetoui , A. Azizi <i>Characterization of films oxides based on copper obtained using chemical techniques</i>
69	ID 406	Maroua BENLEMBAREK , Salah Eddine BERRABAH, Nassima SALHI, Mohamed TRARI <i>Spinel copper ferrite nanoparticles: Preparation, characterization and photocatalytic activity</i>



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70	ID 367	Chaouki Siouani, Sofiane Safer, Sofiane Mahtout <i>Computational investigation of 4d transition metal atom substitution doping in semiconductor nanoclusters</i>
71	ID 343	Radhia Elong, Mahmoud Belalia, Louiza Belkacemi <i>Extraction and application of algae-based polysaccharides</i>
72	ID 433	Halima Bouchenafa, Boucif Benichou, Badra Bouabdallah, Zakia Nabi <i>Ab-initio investigations of the structural, elastic, mechanical, electronic, and magnetic properties of Pd 2 ZrZ (Z = Sn, In) full-Heusler alloys.</i>
73	ID 335	Attafi Djemaa, Meftah Amjad, and Sengouga Nouredine <i>Effect of different tunnel dielectric materials on the solar cell performances</i>
74	ID 252	Wail HAMDJ, Mohamed Yacine HAMMOUDI, Khaled Fettah <i>State Estimation Of Fuel Cell-Interleaved Boost Converter Using Takagi-Sugeno Fuzzy Observer</i>
75	ID 53	Adil Bouhadiche, Soulef Benghorieb, Samir Gouga, Hachemi Bouridah, Mahmoud Riad Beghoul <i>Noble Metal Nanoparticles for Biosensing Applications</i>
76	ID 418	LYNDA ABDELLI, MALIKA NOUADJI, SAIDA MARMY, ZAINEB HAMIDA <i>Evaluation of the inhibitory action of Eucalyptus extract on the corrosion of carbon steel in HCl medium</i>
77	ID 425	Souad TOUAZI, Nadia ZAIDI, Laldja HIBER, Laid MAKHLOUFI <i>Use of Olea Europaea Sylvestris leaves extract as green corrosion inhibitor for mild steel in 0.5 M H₂SO₄</i>
78	ID 108	Zohra Hamiani, Amina Berrichi, Sarra Abbou, Redouane Bechir <i>Propargylamine Synthesis via A3 Coupling Reaction Catalyzed by Fe Nanoparticles</i>
79	ID 183	Ourida Ourahmoun <i>Improvement the performances and the stability of of Formamidinium lead triiodide perovskite solar cells</i>
80	ID 179	M. Affane, S. Benatmane <i>Caractérisation théorique des propriétés structurales d'un Alliage heusler et l'effet des différentes approximations.</i>
81	ID 301	Abdenmour Serradj, Charif Dehchar, Djamel Selloum <i>Synthèse d'une électrode CuO pour la détection électrochimique du peroxyde d'hydrogène</i>
82	ID 178	Anissa BESBES, Sid Ahmed BENEHIBA, Radouan DJELTI <i>Investigation computationnelle des propriétés thermoélectriques d'un demi- Heusler à base de Rhodium</i>
83	ID 238	Kenza Ghanem, Nedjema Chérifi-Bennadji <i>CHARACTERIZATION OF A PIPELINE STEEL WELD JOINT</i>
84	ID 222	Manel Ould Medjebar, Razika Khalladi, Hakima Cherifi <i>Performance of Fenton oxidation on the removal of hydrocarbons from soil</i>
85	ID 63	Meriem Khelij, Naima BOUCHENAFSA-SAIB <i>Extraction de silice à partir d'une plante par une méthode simple</i>
86	ID 89	Serine Aris, Azzedine Benyahia, Nadir Deghfel Nadir, Chouki Farsi <i>The inclusion of marble powder and its chemical treatment are investigated in connection to the mechanical properties of an inserted polyester compound reinforced with halfa fibre</i>
87	ID 73	Serine ARIS, Afaf HAYAOUI, Fayçal BENHACINE2 <i>ELECTROLYTE MEMBRANE DEVELOPMENT AND CHARACTERIZATION FOR AN ACCUMULATOR</i>
88	ID 49	Khalid Reggab <i>The numerical investigation of energy spectrum for Yukawa potential with the resolution of Schrodinger equation.</i>
89	ID 30	Meriem FODIL <i>REVEALING THE STRUCTURAL, ELECTRONIC AND MECHANICAL PROPERTIES OF Ca_{1-x}Np_xSn₃ (X=0, 0.5, 1) ALLOYS. A THEORY CALCULATION</i>
90	ID 112	Assia Hamzaoui, Abdelaziz Aouiche, Soraya Gouder, Melkia Chaouki <i>Advanced Photonic Crystal Fiber Surface Plasmon Resonance Sensor for Low Refractive Index Detection in Medical Applications</i>
91	ID 314	Soumia Boudraa, Yassine Djaballah <i>First-Principles Calculations and Thermodynamic Assessment of the Ga-Lu System</i>
92	ID 407	Touil Zoulikha, Lefkaier Ibn khaldoun, Ahmed Benbelghit, HELIFA Bachir <i>PROPRIETES OF CFRP FIBER WITH ULTRASONIC METHOD</i>
93	ID 296	Zahia DJEBLAHI, Belkacem MAHDAD, Kamel SRAIRI, Khalida MIMOUNE <i>Maximum Power Peak Tracking for Solar Panel Under Partial Shading Conditions Via Moth Flame Optimizer Approach</i>
94	ID 187	Zakaria REGUIEG, Ismail BOUYAKOUB, Fayçal MEHEDI <i>Advancements in Solar Photovoltaic Materials and Systems: A Comprehensive Overview</i>



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95	ID 62	Madiha Zerouali , Radouane Daïra ,Dikra Bouras,Bouزيد Boudjema Study structural, morphological, and optical properties of Cu _{0.5} Ag _{0.5} O thin films deposited by dip coating method
96	ID 354	Khadra Haouari , Djemaa Belakhal , Kouider Rahmani Comparison between dynamics flow in two types of venturi scrubber

17 h 30-19 h 00	Dinner
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Oral Sessions B

	Session 1 Conference room	Session 2 Room 1	Session 3 Room 2
Chairs	Dr GUERZABI Rachida and Dr BRAHIMI Abdelkarim...	Dr Aissaoui Reguadia and REBHI Elmahdaoui	Dr LAHOUAL Mohamed and Dr BENBOUZID Yazid
19h00 - 19h15	ID 084 Chaïma Benzid Nanotechnology in Cancer Treatment: Advances and Challenges	ID 155 Abdelmoutalib BENFRID , Mohammed CHATBI, Zouaoui.R HARRAT, Abdeljalil BENBAKHTI, Mohamed BACHIR BOUIADJRA, Baghdad KROUR, Le comportement thermomécanique d'un panneau de séparation mince en éco-panneau en béton renforcé par les fins fibres des palmiers nains.	ID 067 Mohamed Issaad Etude structurale d'un plasma fortement couplé à deux dimensions
19h15 - 19h30	ID 202 Faïza Talbi , Rania Agaguena, Nedjoua Zaidi L'effet d'un contaminant chimique sur un modèle biologique L'oursin commun paracentrotus lividus (Lamarck, 1816) dans un cadre de surveillance environnementale.	ID 205 Amina Aïchour ; Hakim Djafer Khodja, Hassina Zaghouane-Boudiaf, César Viseras Iborra; Manuel Sanchez Polo, Effet de la modification de la structure de la pelure de citron par des acides en vue de la dégradation du bleu de méthylène : Cinétiques et isothermes d'adsorption	ID 344 ZAITRI Tameur¹ , BOUALI Belkacem ¹ , REGUE Maria Hanane, Combined Effects of Using a Nanofluid and Adding Fins to the Absorber Tube of a Double-Reflection Parabolic Trough Collector
19h30 - 19h45	ID 231 Hicham BOUAKKAZ , Zakaria LASSAKEUR;, Reguia MAHFOUDI;, Amar DJERIDANE;, Mohamed YOUSFI Potent Inhibition of Xanthine Oxidase by Aqueous Extracts of Indigenous Plant Aerial Components in In Vitro Setting	ID 252 Rebizi Mohammed Nadjib , ANALYSIS OF ENANTIOPUIRITY AND MOLECULAR DOCKING OF SOME ANTIBIOTICS VIA CELLULOSE TRIS (3,5-DIMETHYLPHENYL)CARBAMATE AS CHIRAL SELECTOR	ID 444 Rabah Moussa , Seksak Youssef, R. Khenata, First principale calculations of the structural, electronic and optical properties of the cubic Be _x Mg _{1-x} O ternary alloy
19h45 - 20h00	ID 001 Nehar Oussama Kheireddine, Synthesis, XRD, crystal structure, Hirshfeld surface analysis and catalytic activity of a thiosemicarbazide ligand	ID 383 Islam Safia ABDELLI , Farouk Yahia ADDOU;, Sanaa DAHMANE;, Ahmed ADDOU, Estimation of greenhouse gases emission and evaluation of energy potential from the Municipal Solid Waste Landfills in Oran (West Algeria)	ID 025 Walid SERBOUT , Abdelkrim NAAS, Elarbi KHENCHACHE, Fayçal BENSOUICI, Omar MEGLALI, The influence of the deposition potential on the structural, optical and electrical properties of ZnO thin films prepared by electrodeposition
20h00- 20h 15	ID 390 Ahlem KHELAL , Fatiha BENMAHDInata, A Box Benhken approach modeling and optimizing the efficiency of biomaterial (agricultural waste) for the industrial wastewater treatment.	ID 415 Amira Fadia Ghomran , Meriem Benabed, HAMLAOUI Youcef, DERBAL Kerroum, Development of rare earth materials as corrosion inhibitors: Optimization of operating parameters	ID 411 Ezzine Bennour , Noureddine Kaid, Cheikh Kezrane; Ahmed Taibaoui; Analysis of Drag and Lift Coefficients for Airflow examined with elliptic shapes



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Poster Sessions B

	Session 1 Hall	Session 2 Hall
Chairs	Dr REBEIZI Mohamed Nadjib and Dr BOUNNAB Souhila	Dr Benbouzid Yazid and Dr Mahi Nabil
20h15 21h 15	<p>ID 226 Alloui lamia, Khadra Mokadem , The synthesis of nanoparticles in green chemistry is accomplished through a multimethod approach utilizing certain extractives.</p> <p>ID 130 Safaa HASNAOUI , Lasnam fatoum, Abbassi Mouna Souad, Soutani Amel, Study and modeling of biosorption of organic pollutant from aqueous solutions</p> <p>ID033 Khaldia Sediri, Bennabi Lamia , Khan Yasmina, Kedjar Nedjla, Optimization, Formulation of Aspirin Tablets coating with cellulosic polymers</p> <p>ID208 Djeribia Nahla, Benguechoua Madjda ,Yousfi Mohamed ; Quantification des tocophérols totaux et la composition en acides gras des graines de colza cultivées en Algérie et leurs activité antioxydante .</p> <p>ID211 DAMECHE Nacira, HARRAT Mohamed, YOUSFI Mohamed; Contribution to the Study of the Unsaponifiable Part in Pistacia Lentiscus Leaves</p> <p>ID217 Oussama ABIKCHI, Mohamed KHARROUBI , Yousfi Islam BOUREZG , Messaoud HARFOUCHE, Structural Studies of Kaolinite Exchanged with Alkali Cations Using EXAFS Spectroscopy</p> <p>ID238 BOUAKKAZ Soumia, SOULI Lahcen. Etude de l'efficacité inhibitrice de dérivés de dihydropyrimidinone contre la corrosion de l'acier.</p> <p>ID287 Maroua BRAHIMI, Lahcen SOULI ; Yazid DEROUICHE, Development and characterisation of bio nanocomposites used for water treatment</p> <p>ID314 HAMMOU Zoubida, Modifications des argiles locales. Application pour l'adsorption des nitrates</p> <p>ID316 Leila BENSADALLAH , Leila DJEKOUNE, Ikram Amira ZAIT Rania HAMMAMI, Ikram Amira ZAIT, Utilisation d'une bioressource végétale couplée à l'électrocoagulation pour le traitement des effluents de tanneries</p>	<p>ID 305 Djemaa Belakhal, Khadra Haouari , kouider Rahmani, L'effet du rapport d'aspect sur le comportement dynamique et thermique d'un jet rectangulaire.</p> <p>ID 297 Ahmed benmechih, Abdelkader Bacha, Mohamed kharoubi, Simulation Numérique d'une cellule solaire en Couche Mince CIGS à l'Aide SILVACO TCAD</p> <p>ID 341 Yazid BENBOUZID, Wang-Landau Monte Carlo method: application to the Blume-Capel spin model</p> <p>ID 014 HADBI Mohammed, DEMMOUCHE Kamel, BELKHIR Mohamed Lamine, SARHANI Mohammed Elsaid and FODEILI Mohammed Lamine, Structural stability and electronic structure properties of half-heusler in 18-electrons transparent conductors: ab-initio study</p> <p>ID 280 Embarek DOUROUM, Amar KOUADRI, Mokhtar ZAITRI, Étude numérique de l'effet de l'allongement du croisement sur l'efficacité de mélange d'un court micromélangeur chaotique</p> <p>ID 337 S. MENASSEL, S. CHETIOUI, Investigate of Al doped on Bi-2201 materials properties</p> <p>ID 286 Noura Charmat, Mohand Hamhami, Ahmed-Chafik Chami, Mahana Abdesselam; Bragg-Gray cavity theory and Monte Carlo simulation in the study of the absorbed dose in a medium</p> <p>ID 236 Djihad Bennaceur, Nadia Laredj, Mustapha Maliki, Mahi Eddine Brahimi, Kheira Belhamideche, Hanifi Missoum, Optimizing Sustainable Energy Systems: Investigating Unsaturated Soil Properties for Geothermal Incorporation</p> <p>ID 093 Ahmed Yassine Boukounacha, Belkacem Yousfi, Boubakeur Zegnini, Tahar Seghier, The Influence of the Presence of Nanoparticles on the Heat Transfer Properties and Dielectric Strength of Transformer Oils</p> <p>ID 122 Fayçal Aouadjaj, Mustafa m Demi, Seyra Toprak, Mohamed Tayeb Abedghars, Sabrina Ladjama, Kotbia Labiod; Elaboration of novel dental porcelain from local raw materials</p>



	ID321 Imane Bensahbane , Nadjib Melkemi Molecular docking application in the development of new bcr-abl inhibitors in ph-all disease	ID 043 Zeyneb Hammou , The Influence of Addition Barium Oxide On Ye'elimité Prepared by Natural Fluorapatite
	ID345 Haroun Houicha , Lakhdar Sedira and Rachid Makhloufi, Characterization of glass ceramics powder using Vita VM 13 dental Product	ID 230 Lahcene NASRI , Said CHAHLAT, Sabrina BOUNAB, Abdelouheb BENTABET, Study of the physical properties of half-metallic and/or intermetallic alloys
	ID349 LARABI Souad , GOURINE Nadhir, YOSUFI Mohamed ; Effet combinatoire des huiles essentielles de quelques plantes médicinales locales sur l'activité antioxydante.	ID 239 Nesrine LABDOUNI , Djilali BENYOUCEF, Hocine TEBANI, Mohamed CHENOUI, Re-analysis of NOx Swarm Transport Data Using BOLSIG+ Program
	ID365 Douniazed Hannachi , Meriem Zaidi et Henry Chermette, Influence of Hydrogen Bond on the Nonlinear Optical properties of Pyridine/Quinoline Hydrazone Photoswitches: A Quantum Chemistry Investigation	ID 402 K. Bekrentchir , M. Khelladi, K. Mahdi, A. Debab, Numerical optimization of power consumption in surface full-scale surface aeration tank
	ID 391 LAHMADI Bechira , BEN ALI Moustapha , REBIAI ABDELKRIM. BRAHIMI Mohamed habib Chemical study of some vegetable oils	ID 330 Abdelatif Aouadi , Djamilia Hamada Saoud, Abdelkrim Rebiai, Fatma zohra Ayachi Amar, Synthesis and Characterization of Nanoparticle-reinforced Bioplastics
	ID 395 Mohammed Bouami , Merzak Douache, Hayat Zerrouki , Aissaoui Regadia , Nayl Elmebrouk Ben Amara , Tayeb Benkouider , Saber Oumeriche1 , Ahmed Yahoui Belkhir, Soufi , Zoubida Hammou , Saliha Gacem , Ghennia Laroui , Amina Hadjaj; Electrochemical fabrication of polypyrrole films containing platinum particles deposited on glassy carbon electrode for sensing of some pharmaceutical important compounds	ID 384 Zakaria Geubli , Rafik Benrabaa, Houria Djedjai, Laâldja Meddour-Boukhobza , Enhancing Photocatalytic Water Splitting for Hydrogen Production: Development of Heterophase TiO₂ with Improved Activity Under Visible Light
	ID 404 Mohamed BENALMELADJ , Zohra DERRICHE and A.E.K ELFERROUDJI Effect of hydrated lime and other mineral fillers on oxidative ageing in bitumen mastic	ID 278 Lakhdar AYACH , Embarek DOUROUM, Amar KOUADRI, Skander JRIBI, Investigation numérique de l'efficacité de mélange des fluides pseudo-plastiques dans des micromélanges passifs de type TLCCM
	ID 419 Meriem Ben seghier , Mohamed Lakhdar Belfar , Assia Belfar, Brahimi mohamed habib; The chemical composition, phenolic contents of the heart of Phoenix dactylifera.L	ID 263 Mohamed Souissi , BoubakeurZegnini, AbdelhalimMahdjoubi, TaharSeghier, Analysis of Leakage Current Characteristics in Design of Experiment with MINITAB
		ID 232 Abdellatif guehaz , Impact of Thermodynamics on Black Holes in Space Noncommutative
		ID 030 Mohammed ElSaid SARHANI , Anfal BEGAGRA, First-principles investigation on material properties of all-inorganic perovskite KGeCl₃ polymorphs

Online Sessions B

Chairs		<i>Pr MAACHE Mostefa, Dr Aissaoui Reguadia, Dr BELAKHAL Djemaa and Dr ALLAM Zehor</i>
N	ID	Authors and Title
01	ID 190	Nour HASNI , Rayene KADRI and Mekki KADRI Computational Insights into Cobalt(II) Complex with N-Methyl Thiosemicarbazide Schiff Base: DFT/M06-2X and Docking Investigations



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02	ID 275	REBAI Redouane , TOUMI Mouhamed Essedik, Derardja imene, BEN DJABALLAH Wafa , BELLAKA Racha and BOUDAH Abdennacer Lavandula dentata L. essential oil exerts an anti-depressant activity in rats during acute inflammation.
03	ID318	Samira BOUGAA , HAKIM Baaziz and ZOULIKHA Charifi Theoretical Calculations of structural and electronic properties of CdGeP ₂ compound
04	ID 339	Mohamed Amine Bourouai , Afafe Bouchoucha And Karima Si Larbi Novel manganese (II) complex with oxazole-derived ligand as a potent anticancer agent: In vitro cytotoxicity, ADMET profile, and molecular docking
05	ID 347	Meriem Zaidi , Douniazed Hannachi and Henry Chermette DFT and TD-DFT studies on Bivalent Transition-Metal Complexes: Electronic Excitation and Nonlinear Optical Properties
06	ID 114	Fares Asma , Zouai Souheila and Moualkia Hassiba Ceramic nanoparticles made from bio-waste synthesized.
07	ID 176	Imane Ouamane , Abdelghani Lakel and Fatma Amraoui1, Improving the properties of copper oxide thin films using sping coating
08	ID 205	Abdelaziz Boumaiza , Cherif Ould Lahoucine and Mahfoud kadja Numerical simulation of forced convection a magnetic nanofluid in 3D channel
09	ID 92	Sara Mender and Salima LABIDI DFT investigation of structural, magnetic and electronic properties of double perovskite Ba ₂ FeTaO ₆
10	ID 333	Djouda Laadjel and Nabil Belkhir Technological Advancements in Optical Glass Finishing: A Chemical-Mechanical Polishing Study
11	ID50	Abdi Sarra , Mohamed Lyamine Chelaghmia and Mohamed Elhocine Benhamzaa A novel Electrochemical Sensor based on Modified Screen-printed Electrodes for the Simultaneous Detection of Acetaminophen and 4- aminophenol in paracetamol tablets.
12	ID220	Chams Edoha labidi , Oum Keltoum Kribaa and Rabie Djouama coupled experimental and theoretical investigation of bioceramic materials.
13	ID289	Rima Kiche , Riadh BOURZAMI, Louiza OUKSEL, Mouhamed Belhocine and Fayçal Dergal, Thermal thermodynamic, and optical properties of trihexyl(tetradecyl)phosphonium dicyanamide: experimental and theoretical approaches
14	ID326	Ahmed Yahiaoui , Ben Amara Nail and Alla Nouredine Study Of The Inhibition Effects Of Cadmium And Lead And Their Phytoaccumulation By Aquatic Plant And Purator Lemna Gibba
15	ID195	Chiraz Soundes Bouaita and Bennecer Badis the study of the structure, electronic and elastic properties of SrS doped Sn
16	ID228	Maissa Bouselsal and Fateh Mebarek – Oudina Evaluation of Shell/Tube Heat Exchanger Performance with Al ₂ O ₃ - CuO/Water Hybrid Nanofluid
17	ID118	Seyfedine Benabid , Sonia Cherhabil, Sid Ali Dajfri, Taqiyeddine Assas and Madjda Chenafi Dynamics of dissipation energy flow in non-rectangular basin
18	ID177	Imen Boussaha , Zahra Malou and Mohamed Hamidouche Experimentation And Adjustment For Higher Quality Local Enamels
19	ID148	Ihcen Merabet , Mohammed BENABDALLAH and Nouredine CHOUKCHOU-BRAHAM Naphto-furanones and Benzo-pyranones Synthesis based on Quinonic Derivatives
20	ID416	Amira Fadia Ghomrani , Meriem Benabed, HAMLAOUI Youcef and DERBAL Kerroum Development of rare earth materials as corrosion inhibitors: Optimization of operating parameters
21	ID145	Aymene Salah Bendrihem , Mokhtar BOUTAHALA and Chafia TIAR Adsorption of methylene blue onto raw halloysite: optimization, and kinetic studies
22	ID051	Righi Aya , Bendahma Fatima, Labdelli Abess, Mechehoud Khedidja And Mana Mohamed First-Principles Studies on the Physical Properties of New Half Heusler Compound: A Promising Material for renewable energy applications.
23	ID132	Yasmine Slimani and Abdelali BOUKAOUD The structural and electronic properties of L-proline crystal: periodic and non-periodic DFT calculation.
24	ID045	Ali Boumeftah , Dalila Boumeftah and Abdelkader Belmokhtar New Hybrid Adsorbents Based on Polyaniline and activated carbon: synthesis, characterization and adsorption of 2,4-Dichlorophenol.
25	ID134	Hadjer Bouzeriba , BOUZID Nedjima . IDRES Abdelaziz and LAALA Imen contribution to the study of an analysis of water from the Ouenza iron mine.
26	ID 130	Norelhouda Salah , First principle investigation of structural, electronic and magnetic properties of TM (Sc. Ti) doping on MnI ₃ monolayer



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27	ID 255	Younes Dib , Tahar Seghier, Belkacem Yousfi, Souhaib Cherrak, Ahmed Hadjadj and Ayoub Mansour Belhamiti Effect of Electrode Geometry on Electric Field of Bubble within Transformer Oil using Finite Element Method
28	ID 395	Younes Dib , Tahar Seghier, Belkacem Yousfi, Souhaib Cherrak, Ahmed Hadjadj and Ayoub Mansour Belhamiti Finite Element Modeling of Particles Effect on Heat Transfer in Transformer Oil
29	ID 117	Allam Zehor , Hafaifa Loumafak , Razika Ajouz and Achouak zebeir Impact de la variation d'épaisseur sur les propriétés d'une cellule solaire CZTSe
30	ID 426	Baymout Massinissa and Rabahi Amal Determination Of Grand And Excited State Dipole Moments Of Some Iminocoumarins By Theoretical Methods
31	ID 0 24	Saadia Benotmane , DFT-based computational investigations of structural, mechanical, electronic properties of BaXN ₃ ternary perovskites compounds
32	ID 314	Boudraa Soumia and Yassine Djaballah First-Principles Calculations and Thermodynamic Assessment of the Ga-Lu System
33	ID 417	Fouel Mohammed and Khaled chaib Investigating Heat Transfer Augmentation Using Titanium Dioxide Nanofluids in a Staggered Tubes Bundle
34	ID 056	Hadjer Soufi , Khadidja RAHMOUN , Mohamed El Amine SLIMANI , Abdelkader BOUHANA and Wissem BENAÏSSA Enhancing Hole Transport Layer Materials for Lead-Free Perovskite Solar Cells
35	ID 249	Randa Slatnia and Abdelghani LAKEL Annealing effect on nickel sulfide thin films deposited by spin coating
36	ID 172	Said Messaoud , Youcef Rached, Djamel Rached and Habib Rached Theoretical insight into the structural, electronic and optical properties of (InAs) _m /(AlSb) _n superlattices
37	ID 396	Mohammed Bouami , Merzak Douliche, Hayat Zerrouki, Aissaoui Regadia, Nayl Elmebrouk Ben Amara, Tayeb Benkouider, Saber Oumeriche, Ahmed Yahoui, Belkhir Soufi, Zoubida Hammou, Saliha Gacem, Ghennia Laroui and Amina Hadjaj Electrochemical fabrication of polypyrrole films containing platinum particles deposited on glassy carbon electrode for sensing of some pharmaceutical important compounds
38	ID 188	Wissem Benaïssa , Rahmoun Khadidja, Cheknane Ali, Ramdani Mohammed Cherif and Soufi Hadjer Optimizing Performance of Perovskite Solar Cells Based on MASnBr ₃ through SCAPS-1D Device Simulation
39	ID 352	Rayane Nadjet Fassi et Boukhalifa –Djebbar Chahrazed Optimisation du dosage des métaux de transition: Fe(II), Co(II), Ni(II), Cu(II) et Zn(II) par complexation
40	ID 095	Loubna Oumamar and EL KHAMSA SOLTANI Properties of polymer based hydrogel films
41	ID 137	Oussama Mekhlouf , Fatima Belhadj, Zahira Kibou and Nouredine Choukchou-Braham Synthèse de dérivés d'imidazole par réaction multi-composants.
42	ID 157	Kebaili Asmaa , Fatima Belhadj, Zahira Kibou and Nouredine Choukchou-Braham Nouvelle voie de Synthèse des dérivés des 3-cyano-2-pyridones.
43	ID 146	Nadjet Benchiheub , Mounira Berrehail , Nabila Grar and Nadhira Bioud Klein-Gordon solution with unequal mixture of Scalar and Vector potentials for harmonic interaction type: $V(y)=\lambda_2 y^2+\lambda_1 y+\lambda_0$ Klein-Gordon solution with unequal mixture of Scalar and Vector potentials for harmonic interaction type: $V(y)=\lambda_2 y^2+\lambda_1 y+\lambda_0$
44	ID 428	Norel houda Lameche , Experimental study of Optical aberrations.
45	ID 399	Rabia Houili , Mohamed Yacine Hammoudi, Marah Bacha and Abdenacer Titaouine Enhanced Identification and Simulation of Photovoltaic Systems
46	ID 119	Safia Harrat , Mounir SAHLI and Khaled CHETEHOUNA Hydrothermal preparation and evaluation of ternary Mg-Zn-Co nanocomposites for enhanced solid hydrogen storage performance.
47	ID 320	Kolli Mounira and Fatiha Benmahdi Etude cinétique et thermodynamique de l'adsorption du phénol sur charbon actif
48	ID 25	Mohamed. El-Amin Beyour , Mourad HEBALI, Mustafa ALTUN, Benaoumeur IBARI and Menouer BENNAOUM Design and Performance Enhancement of a Silicon-Integrated GaAs Single Junction Solar Cell: A Simulation Approach



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49	ID 185	Mohammed Foual and FELLAGUE CHEBRA Abdelhak Impact De Nanoparticules De SiO_2 Sur Les Performances Thermiques Et Hydrauliques De Nanofluides Dans Un Echangeur Tubulaire
50	ID372	Chikhi Bilal , Adel Saadi et Amel Boudjemaa Green synthesis of copper Oxide/Iron Oxide nanocompsites using the leaf extract, their characterization and application
51	ID037	Fadhila Rabhi and SIFAOUI Hocine Ionic liquids in wastewater treatment: Removal of Pharmaceutical Residue from Water
52	ID259	Ziad Guerfi , Oum keltoum Kribaa and Hanane Djouama Biomaterials Properties of Hydroxyapatite Modified with Zinc Oxide
53	ID077	Mohamed El Amine Benouali , Mohammed Beldjilali and Boussalem Smain Study of the dégradation of méthylène Blue by métal oxide nanoparticle.
54	ID 397	YAHIAOUI Ahmed , Aissaoui Regadia, Boussaid Khadidja, Ben Amara Nail and Alla Noureddine Study Of The Inhibition Effects Of Cadmium And Lead And Their Phytoaccumulation By Aquatic Plant And Purator Lemna Gibba
55	ID121	Nedjla Kedjar , Sediri Khaldia , Mokri Hafsa And Belarbi Lahcen Synthese Et Application De Bisiminoether Cyclique 1,2-Bis(2-Oxazoliny-2) : Extention De Chaîne En Polymerisation
56	ID210	Boukrida Aboubakr , Tayeb kermezli and Mohamed Announ Modélisation par réseau de neurones artificiels du coefficient de diffusion massique du liège traité.
57	ID 316	Amel GASMALLAH , Moufida BOUKHTOUTA , Selma TOUAM , Ibtissem BENDJDIDE And Ines CHAREF Study of the properties of selenium monochalcogenides SnSe and ZnSe by ab-initio simulation
58	ID388	Zakia Lounis , Moussaab Belarbi , M.Salah Halati , Chewki Zegadi and Malika Achouri Control by the AES spectroscopy and the photoluminescence the point defects of Oxygen in SnO_2 thin films.
59	ID300	Zaidi Nadia , L. MAKHLOUFI, P. MANDIN , S. TOUAZI and H. HAMMACHE New insights in the copper oxides electrode position mechanism onto planar Aluminum.
60	ID358	Abdelmalek Tayebi , TELLI Laid and ZERROUAL Larbi Lead electrode in a strongly alkaline environment to increase the lead battery voltage
61	ID091	Bennacer Noor Elhouda , M.W.NACEUR and H.HAMITOUCHE Dry Synthesized ferrate for waste water treatment
62	ID 078	Faiza Asli , Quinazoline and Quinoline Molecular Docking and Biological Assessment, Epidermal Growth Factor Receptor (EGFR) Tyrosine Kinase inhibitors
63	ID235	Djaber Bouhafara , Younes MENAIL and Farouk Mesrafet Gasoline and Gas oil Effect on polyester resins in composite pipe for fuel transmission and distribution
64	ID198	Ferdaous Hasni , Ismail Daoud and Nadjib Melkemi In silico study of different types of enzyme-substrate interactions in cancer diseases.
65	ID 286	Djelel kherifi and Zeyneb Hammou The influence of sodium silicate additions on the mechanical and physicochemical properties of natural $\text{Ca}_{10}(\text{PO}_4)_6(\text{OH})_2$
66	ID058	Djebarni Iyes and Djamila BENNACEUR-DOUMAZ Non-Linear Effects In The Interaction Of The Intense Laser With A Non-Maxwellian Electrons
67	ID 447	Messaouda ELALEM , Effect of the Pressure on the non Stationary Herschel-Bulkley Flow
68	ID142	Abdallah ABIZA , Abdelbaki REFFAS, Rim BEN ARFI and Achraf GHORBAL Production of powder activated carbon: Characterization and evaluation of their adsorption with dyes textile wastewater
69	ID 125	Abdelwaheb Hadou , Abdelatif Housseem Eddine, Oussama Ferfari , Imane Lalaymia and Ahmed Belaadi Physico-Chemical, Mechanical and Morphological Characterization of Dragon tree Leaf Fibers: An Exploratory Investigation
70	ID007	Amel Meniche and Nacera Chibani Green synthesis of silver nanoparticles with fruit extracts and Solanum lycopersicum L waste for active food packaging
71	ID336	Yousfi Asma and Chorfa Abdellah Effect of Different TiO_2 Multilayer Coatings Applied on Antireflective Property
72	ID182	DINE Sihem Fakhr , ABESS Charef, BOUKORT Abdelkader, CHAREF Samir BOUZID Khawla and MAAFA Wiam Hydrostatic pressure effect on the structural, electronic, optical properties and stability of Na_2SrX (Si and Ge) full Heusler alloys : A first principle investigation



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73	ID079	DJAAFER MOUSSA raziqa , SETIFI Fatima and KABOUB Lakhemici Étude in vitro et in silico du nouveau composé de base de Schiff
74	ID176	Imane Ouamane , Abdelghani Lakel and Fatma Amraoui Improving the properties of copper oxide thin films using sping coating
75	ID390	ISMAIL GHIBECHÉ Physicochemical parameters of groundwater in the Djelfa region
76	ID 143	Khaoula Alia and Djamel Atia Condensed Matter Interactions of Schiff's Bases: From Synthesis to Environmental Remediation
77	ID 151	Lakel. Abdeghania , Belahssen Okba. Elaboration and characterization of CuO metal oxides for applications in the field of photovoltaics
78	ID 104	Meraouah Mustapha , Kaddari Faiza, Hassaine Said 1mihoub Youcef, Heroual Samira, Khenfar Nouredine and Mostefaoui SidAhmed. Comparison of MPPT Techniques on THD Current in a Grid associated to Photovoltaic System
79	ID277	Messaoud Caid , D. Rached, S. Al-Qaisi, Y. Rached And H. Rached. Computational study of structural, electronic and optical properties of double perovskite compound $Cs_2CdZnCl_6$
80	ID 431	Narimane BEGAR , Amara Abdelaziz and Abdelhakim BEGAR Synthesis, characterization, of $Sn_xSb_yS_z$ powders
81	ID 061	Rabah AZZOUG , Yamina MEBDOUA, Fatah HELLAL and Francesco MARRA Unraveling The Microstructure and The Mechanical Features of a Nickel Based Composite Coatings
82	ID 323	Saadallah Yaakoub , Setifi Zouaoui and Setifi Fatima Investigation of the spin crossover phenomenon in the ferrous and cobaltous complexes based on ligands derived from the 1,2,4-triazole moieties
83	ID 419	Sabah Haffas Study of the effect of Sn doping on the structural properties of Co_3O
84	ID424	Sabir Makhlof , Malika Labidi and Abdelaziz Amara, First-principles investigation of structural, electronic, optical and thermoelectric properties of full-heusler alloy Ti_2CoGe
85	ID 096	Sarah Chaba mouna , Missoum Radjai and Djamel Houatis Structural, elastic, and electronic properties of $LiPbBr_3$ under pressure
86	ID 211	Serrar Fatma , Fetouhi Bekhaled Syntheses and characterizations of ionic liquids
87	ID 181	Youcef Islam TOUAHRIA , Nadjib CHAFAI, Wahiba MOUMNI, Abir BOUBLIA and Mona MEHRI Organic synthesis, antioxydant activity, DFT of two new hydrazones derivatives
88	ID 307	Yacine DJALAB , Rabah MOUSSA, Mostafa MAACHE and Mohamed KHARROUBI Ab-initio study on the structural and electronic properties of the $ZnO_{1-x}S_x$ ternary alloys
89	ID 188	Halla Abdelbaki , Amar Djemoui, Mohamed Ridha Ouahrani, Lahcene Souli; Synthesis of naphtho[1,2-e][1,3]oxazine-3-one derivatives from 1,2,3-triazole under Solvent-free Condition and evaluation of their antioxydant activity
90	ID340	Iman Aoues , Zahia Zizi, Synthesis and structural study of the titanium (IV) complex derived from dihydroxy -2,6-benzoic acid.

21 h 30 – 21 h 50	Coffee break
21 h 50 - 22h	Closing Ceremony