



ICPAS - 2022 PROGRAM

D1 : 21/06/2022

08H15 - 09H00	Opening Ceremony
09H00 - 11H00	Opening Speech:
	➤ Pr. Hassane SAHBI , President of Moulay Ismail University
	➤ Pr. Abdellah MIR , Dean of the Faculty of Sciences Meknes
	➤ Pr. Youssef EL AMRAOUI , Vice President of Moulay Ismail University
	➤ Pr. Abdelali RAHMANI , Vice Dean of the Faculty of Sciences Meknes
	➤ ORGANIZING COMMITTEE
11H00- 11H30	Coffee break

Plenary Session 1 /Conference Hall		➤ Chairman: Pr. Youssef El Amraoui
11H30 - 13H20	➤ Pr. Mohamed ESSAAIDI PROFESSOR & PAST DIRECTOR , ENSIAS ,MOHAMMED V UNIVERSITY ,RABAT MOROCCO « Harnessing the Digital Transformation For Resilient Sustainable Smart Cities »	
	➤ Pr. Mohamed BAKHOUYA TEACHER RESEARCHER INTERNATIONAL UNIVERSITY RABAT , MOROCCO « IoT and Big Data Technologies for Context-driven Applications »	
	➤ Pr. Hassan ALLOUCHE TEACHER RESEARCHER FACULTY OF SCIENCES MEKNES , MOROCCO « Un tour d'horizon sur l'intelligence artificielle et l'apprentissage profond »	
13H20- 14H30	Break	

Plenary Session 2 /Conference Hall		➤ Chairman: Pr. EL OUADGHIRI Moulay Driss
15H00 - 15H30	➤ Pr. Ismail Khalil TEACHER RESEARCHER JOHANNES KEPLER UNIVERSITY LINZ , AUSTRIA « AI, Big data in the context of Cloud and Edge computing »	

Computer Science	Mathematics		
Session CS1 Conference Hall	Session M1	Session M2	Session M3
Chairman : Pr. Said AMALI Pr. Mohamed EL ANSARI Pr. Brahim AKSSASE Pr. Youssef GHANOU	Chairman : Pr. Youness MAZIGH Pr. Hassan ASENSOUYIS Pr. Karima ZTOT	Chairman : Pr. Rachid LARHRISSI Pr. Fatima Zahrae EL ALAOUI Pr. Mohamed ZITANE	Chairman : Pr. Hassan ALLOUCHE Pr. Samir KHALLOUQ Pr. Najib MAHDOU
➤ Salma El BAKKAL: A NOVEL TRAFFIC LIGHT SYSTEM USING DEEP Q NETWORK	➤ Mohamed EL KATI : REMARQUES SUR LES MODULES DE DRINFELD DE RANG 1 ET LEURS POINTS DE TORSION	➤ Soufiane ABID : AN INVERSE BACKWARD PROBLEM FOR A HEAT EQUATION WITH A MEMORY TERM	➤ Mohssine ES-SAIYDY : ALMOST PERIODIC DYNAMICS OF A CLASS OF DELAYED NEURAL NETWORKS
➤ Ibtissam ASSOULI: KNOWLEDGE MANAGEMENT, TOOLS AND ACTIVITIES	➤ Younes EL HADD AOUI : ON Φ -(WEAK) GLOBAL DIMENSION.	➤ Ismail OUBOUYGHF : REGIONAL GRADIENT OPTIMAL CONTROL PROBLEM FOR BILINEAR SYSTEMS	➤ Khadija AAYADI : EVOLUTIONARY HEMIVARIATIONAL INEQUALITIES OF RIEMANN-LIOUVILLE TYPE
➤ Achraf HAIBI : A COMPREHENSIVE SURVEY ON RFID MIDDLEWARE ARCHITECTURES	➤ Soumia BHIHI : L-FUNCTIONS AND (P,I) -REGULAR NUMBER FIELDS	➤ Mustapha BENOUDI : REGIONAL STABILIZATION OF THE FRACTIONAL OUTPUT OF DISTRIBUTED BILINEAR SYSTEMS	➤ Hassan KHABA OUI : SOME CHARACTERIZATIONS OF L-WEAKLY COMPACT SETS USING THE UNBOUNDED ABSOLUTE WEAK CONVERGENCE AND APPLICATIONS
➤ Oumaima ZARHA OUI: SUPPLIED SELECTION PROBLEM : SMS STUDY	➤ Abdelaziz BEN YAHYA : BIDERIVATIONS OF SIMPLE MALCEV ALGEBRAS	➤ Mohamed ATYQ : NON-NEWTONIAN FLOW WITH VISCOUS HEATING EFFECTS IN THREE DIMENSIONAL SPACES	➤ Hassan AGHDAOUI : EPIDEMIC DYNAMICS VIA MATHEMATICAL MODELS AND MACHINE LEARNING
➤ YASSIR EL MADMOUNE : ROBUST FACE RECOGNITION USING CONVOLUTIONAL NEURAL NETWORKS COMBINED WITH KRAWTCHOUK MOMENTS	➤ Anass DRIWACH: TWISTED KUMMER-LEOPOLDT CONSTANT OF A NUMBER FIELD	➤ Ahmed LAHJOUI EL IDRISSI : GENETIC ALGORITHM WITH IMMIGRATION STRATEGY TO SOLVE FIXED CHARGE TRANSPORTATION PROBLEM	➤ Abderrahmane Oultou : NUMERICAL APPROXIMATION OF PIEZOELECTRIC CONTACT PROBLEM WITH LONG MEMORY AND WEAR
➤ Sohaib CHENG AOUI: INTELLIGENT MOBILITY MANAGEMENT: DESIGN OF A MOROCCAN MOBILITY MANAGEMENT CENTER	➤ Abdelali ABOUHALI: ON THE COLLAPSE OF THE MILNOR-MOORE SPECTRAL SEQUENCE	➤ Mohamed OUHA FSA : ON THE OPTIMAL TRACKING PROBLEM OF A BILINEAR VON KÁRMÁN PLATE EQUATION WITH BOUNDED CONTROLS	➤ BOUALLALA Hadi : ANALYTICAL AND NUMERICAL SIMULATION OF A UNILATERAL PROBLEM WITH COULOMB'S FRICTION ON THERMO-VISCOELASTICITY
➤ Karim LAHMA: THE GILBERT MODEL APPLIED ON A MICAZ-CROSSBOW WSN PLATFORM	➤ Hakim MONAIM: WAVE PACKET GENERAL RIGHTSIDED QUATERNIONIC FOURIER TRANSFORM.	➤ Omari Alaoui Yousra : PROBLÈME MULTI-OBJECTIF DE LOCALISATION ROUTAGE AVEC GESTION DE STOCK POUR UNE MATIÈRE DANGEREUSE	➤ Ilham EL OUARTY : EXISTENCE AND UNIQUENESS RESULTS OF THE FRICTIONAL CONTACT PROBLEM IN ELECTRO-ELASTICITY WITH A MODIFIED SIGNORINI CON...
➤ Houda OUBALAH CEN ,S.Amali: RECOMMENDATION SYSTEM IN THE CONTEXT OF SOCIAL LEARNING NETWORKS	➤ Youssef NAJEM : $F_1\{FP\}$ -COTORSION DIMENSION FOR MODULES AND RINGS	➤ Anas CADE : ON PRESERVERS OF PSEUDO SPECTRUM OF SKEW JORDAN MATRIX PRODUCTS	➤ Zakariyae TAJANI : THE FUZZY-AHP MODEL FOR ENERGY SECURITY ASSESSMENT OF MOROCCO
➤ Abdenmour ZOUAZOU : A COMPARISON OF CNN AND ARABERT FOR SMALL ARABIC CORPUS	➤ Mohamed AYOUBI: THE SMALL DIMENSION LEMMA AND WILSON'S FUNCTIONAL EQUATION	➤ Mohamed RAHIOUI : LIE GROUP APPROACH FOR SOLVING THE TRUNCATED M-FRACTIONAL DIFFERENTIAL EQUATIONS	➤ Ismail OUMADANE : MASSERA PROBLEM FOR SOME RETARDED AND NON AUTONOMOUS PARTIAL FUNCTIONAL DIFFERENTIAL EQUATIONS IN FADING MEMORY
➤ Hicham SADIKI, S. Amali : EVALUATION AND MONITORING OF LEARNERS IN THE CONTEXT OF SOCIAL LEARNING	➤ Adam ANEBRI : A NEW GENERALIZATION OF R-IDEALS OF COMMUTATIVE RINGS	➤ El Mostafa AGHEDDOU : REGIONAL ENLARGED CONTROLLABILITY FOR DISTRIBUTED BILINEAR SYSTEMS	➤ MAKRAN Norededdine : A COMMON FIXED POINT OF MULTIVALUED MAPS IN EXTENDED b-METRIC SPACE
➤ Oumayma BENCHOUIKH : BIG DATA SHAPING THE SUPPLY CHAIN: A COMPREHENSIVE SURVEY	➤ Mohammed ZARHOUNI : PSEUDO ALMOST PERIODIC SOLUTIONS OF HEMATOPOIESIS MODEL.	➤ ID OUAZIZ Saïda: DYNAMICS AND OPTIMAL CONTROL STRATEGIES OF THE CORRUPTION MODEL	➤ El Ansari Brahim: VARIATIONAL PROBLEMS WITH FRACTIONAL LOCAL M-CALCULUS: SOME EXAMPLES
➤ Hajar EL YASSINI : CLIMATE CHANGE AND HEAT ISLAND	➤ Hassan OUAZZOU: ON THE ALGEBRAIC STRUCTURE OF SKEW CYCLIC CODES WITH DERIVATIONS.	➤ Doha Haloui : BIG DATA ANALYTICS IN SUPPLY CHAIN: REVIEW	➤ Salah Eddine MAHDOU : TRANSFER OF S-COHERENT COMMUTATIVE RINGS
	➤ Mohamed ESSNHAYJ: SOME UNCERTAINTY PRINCIPLES ASSOCIATED WITH THE TWO-SIDED QUATERNIONIC DUNKL TRANSFORM	➤ Abdelkarim AKOUBI : STABILIZATION OF A PLATE EQUATION	➤ El housseine EDDAMANE : COMMUTATIVE RINGS WITH ARTINIAN SPECTRUM
	➤ Loubna ES-SALHI : EXTENSIONS OF SOME ALGEBRAIC PROPERTIES	➤ LAACHACHI SOUFIANE : SOME CHARACTERIZATIONS OF THE IDEALS EA WHICH ARE DISCRETE	➤ Hassan OUBBA : BIDERIVATION OF CAYLEY ALGEBRAS
	➤ Said HAMOUN: APPROXIMATION TO RATIONAL TOPOLOGICAL COMPLEXITY	➤ AZZOUZI Souad : A COMPARATIVE STUDY OF SOME ANALYTIC STATISTIC FUZZY CLUSTERING ALGORITHMS IN NOISY ENVIRONMENT	➤ Anass ASSARRAR : ON GRADED-N-COHERENT COMMUTATIVE RINGS
	➤ Zakariae CHEDDOUR: THE ELLIPTIC; MATRICES AND A NEW KIND OF CRYPTOGRAPHY	➤ Amghar walid : BOUNDED SPHERICAL FUNCTIONS AND HEISENBERG INEQUALITY ON QUATERNIONIC HEISENBERG GROUP	➤ EL HOUSSAINE OUBOUHOU: SOME PROPERTIES OF Φ -HOMOLOGY

Physics

Plenary Session 3 / Conference Hall

➤ **Chairman: Pr. Abdelhai RAHMANI**

09H00 - 10H20

➤ **Pr. Abdelkrim KHELIF**

French National Centre for Scientific Research Femto-st Institute

➤ **Pr. Jean-Louis BANTIGNIES**

TEACHER RESEARCHER ,CHARLES COULOMB LABORATORY (L2C), U. MONTPELLIER , FRANCE

➤ **Pr. Kohji NAKAMURA**

TEACHER RESEARCHER MIE UNIVERSITY , JAPAN

➤ **Pr.Abdellatif AKJOUJ**

TEACHER RESEARCHER UNIVERSITE DE LILLE. INSTITUT D'ELECTRONIQUE DE MICROELECTRONIQUE ET DE NANOTECHNOLOGIE (IEMN) , FRANCE

10H20- 10H45

Coffee break

10H45 - 13H15

Session P1 Conference Hall

Chairman :
Pr. Hassane CHADLI
Pr. Mohamed LAHSAINI
Pr. Ismail ESSAOUIDI

Session P2

Chairman :
Pr. Rachid SAADANI
Pr. Saadia AIT LYAZIDI
Pr. Miloud RAHMOUN

Session P3

Chairman :
Pr. Abdelhai RAHMANI
Pr. Mourad BOUGHRARA
Pr. Youness ACHAOU

➤ **Khalid AKDIM:**

COMPARISON OF DIFFERENT 3D RECONSTRUCTION METHODS

➤ **Mohamed KHUILI :**

FIRST-PRINCIPLES STUDY OF THE HYBRID ORGANIC-INORGANIC HALIDE PEROVSKITE CH₃NH₃SNX₃ (X=CL, BR, I) FOR SOLAR CELL APPLICATIONS

➤ **Fatima Ezzohra EL GARCHANI :**

A STUDY OF THE CORROSION BEHAVIOR OF 7075 ALUMINIUM ALLOY IN SALT SPRAY

➤ **Fatna ZAHIRI :**

QUALITY CONTROL OF PROSTATE CANCER RADIOTHERAPY TREATMENT USING THE EPR/LITHIUM FORMATE MONOHYDRATE DOSIMETRY SYSTEM

➤ **Mohamed EL HAOUA :**

STUDY OF STRUCTURAL, ELECTRONIC, MAGNETIC, THERMODYNAMIC AND THERMOELECTRIC PROPERTIES OF HALF HEUSTER ZNCRP: FIRST PRINCIPALES CALCULATIONS

➤ **Abdelouahid SEIDI :**

A GENERALIZED ADSORPTION THEORY FOR THE DETERMINATION OF ADSORPTION ISOTHERMS OF CLAY-POLYMER COMPOSITES: COMPARISON TO EXPERIMENT

➤ **Oumaima EL HASSANI :**

TUMOR DEVELOPMENT ANALYSIS USING MATHEMATICAL MODELS OF BLOOD BIOMARKERS. CASES OF STUDY: OVARIAN/PROSTATE TUMORS AND CA125/PSA BIOMARKERS

➤ **ENNISSIOUI Jaouad :**

NUMERICAL INVESTIGATION ON A SOLAR AIR COLLECTOR FOR SOLAR DRYING

➤ **Abdelali SAMIRI :**

ELASTIC AND STRUCTURAL PROPERTIES OF MG25AL75 BINARY METALLIC GLASS UNDER DIFFERENT COOLING CONDITIONS

➤ **Zouhir SAGA:**

OPTIMIZATION OF LYCOPENE EXTRACTION FROM TOMATO PROCESSING BY-PRODUCTS

➤ **Smail AMRAOUI :**

PERFORMANCE ANALYSIS OF LEAD-FREE HALIDE DOUBLE PEROVSKITE-BASED PHOTOVOLTAIC DEVICES FOR SOLAR CELL CONCEPTION

➤ **Ahmed CHANTOUFI :**

DIRECT TORQUE CONTROL OF INDUCTION MOTOR FOR ELECTRIC VEHICLE APPLICATIONS

➤ **Sina BAYA :**

A COMPARATIVE STUDY OF FRINGE PATTERN ANALYSIS METHODS FOR THREE-DIMENSIONAL SURFACE INSPECTION

➤ **Abdellah FERAOUN :**

ELECTRONIC AND MAGNETIC PROPERTIES OF THE DOUBLE PEROVSKITE SR₂CRWO₆: AB-INITIO AND MONTE CARLO STUDIES

➤ **Brahim LEMKALLI :**

PROPAGATION AND ATTENUATION OF ELASTODYNAMIC WAVES IN MATRYOSKA-LIKE METAMATERIALS

➤ **Hicham MANGACH :**

CONCEPTUALIZATION OF OPTICAL COMPONENTS THROUGH TRANSFORMATION OPTICS

➤ **Soufyane NAAIM :**

DESIGN OF A PARABOLIC TROUGH CONCENTRATOR COUPLED TO AN ORGANIC RANKINE CYCLE

➤ **Abderrahmane EL IDRISSE :**

DIAGNOSIS OF THE FAULTS IN INDUCTION MOTOR BY THERMOGRAPHY

➤ **Ilyas BOUZIANI :**

JANUS GROUP-III MONOCHALCOGENIDE MONOLAYERS FOR EFFICIENT HYDROGEN GENERATION BY PHOTOCATALYTIC WATER SPLITTING

➤ **Anass EL FATIMY:**

OPTOELECTRONIC PROPERTIES OF ENCAPSULATED CAFFEINE (CA) AS A DONOR IN CARBON NANOTUBES (SWCNTS) AS AN ACCEPTOR MATERIAL FOR ORGANIC SOLAR CELLS

13H15 - 14H45

Break

Physics

Plenary Session 4 / Conference Hall

➤ Chairman : Pr. Ismail ESSAOUDI

15H00 - 16H50

➤ Pr. Kostantinos TERMENTZIDIS

TEACHER RESEARCHER , UNIVERSITY OF LYON , FRANCE

➤ Pr. Abdelkrim TALBI

TEACHER RESEARCHER CENTRALE LILLE LIA LICS IMEN UMR CNRS 8520 , FRANCE

17H00 - 18H30

Session P4
Conference Hall

Session P5

Session P6

Chairman :

Pr. Ismail ESSAOUDI

Pr. Hassane CHADLI

Pr. Mohamed LAHSAINI

Chairman :

Pr. Miloud RAHMOUN

Pr. Brahim FAKRACH

Pr. Rachid SAADANI

Chairman :

Pr. Mourad BOUGHRARA

Pr. Abdelhai RAHMANI

Pr. Youness ACHAQUI

➤ Hamza KERRAL:

MONTE CARLO STUDY OF THE PHASE DIAGRAMS AND HYSTERESIS PROPERTIES OF A TERNARY NANOWIRE WITH FERROMAGNETIC CORE/FERRIMAGNETIC SHELL MORPHOLOGY

➤ Mohammed LAMHANI :

HIGH THERMOELECTRIC PERFORMANCE OF SR-DOPED CAMNO₃ BULK MATERIALS WITH DIFFERENT DOPING LEVELS

➤ Sara AIT BOUZID:

THE EFFECT OF ALKALI METAL (LI) DOPING ON THE MAGNETOCALORIC PROPERTIES OF PEROVSKITE MANGANITES

➤ Maryam BENAMAR :

MULTICENTER STUDY ON ADULT PATIENT DOSE IN COMMON COMPUTED TOMOGRAPHY EXAMINATIONS AND ESTIMATION FOR DIAGNOSTIC REFERENCE LEVELS FOR MOROCCO.

➤ Kibbou MOUSSA:

PROBING THE ELECTRONIC, OPTICAL, AND TRANSPORT PROPERTIES OF HALIDE DOUBLE PEROVSKITES RB₂IN₂SB(CI, BR)₆ FOR SOLAR CELLS AND THERMOELECTRIC APPLICATIONS

➤ Nisrine EL HAMOUCHE:

MICROSTRUCTURE AND MAGNETOCALORIC EFFECT IN LA_{0.8}NA_{0.2}MNO₃

➤ Oumaima EL OUARDI:

VIBRATIONAL STUDY OF BITHIOPHENE ENCAPSULATED IN SINGLE WALL BORON NITRIDE NANOTUBE USING THE INFRARED CALCULATIONS

➤ Isam ALLAOUI:

TWO-DIMENSIONAL SNTE/SB VAN DER WAALS HETEROSTRUCTURE FOR PHOTOVOLTAIC APPLICATION

➤ Mouad SOUMANE :

DESIGN AND CHARACTERIZATION OF ONE-DIMENSIONAL AL DOPED -SNO₂ USING FORCESPINNING TECHNIQUE AND THEIR GAS SENSING PERFORMANCE

➤ Abdelhalim HOUSSAOUI:

DE L'ESTIMATION CLASSIQUE A L'ESTIMATION QUANTIQUE

➤ Ahmed OUHAMMOU:

THEORETICAL INVESTIGATION OF STRUCTURAL, ELECTRONIC, AND OPTICAL PROPERTIES OF CS₂ NA_{1-X} INX BIF₆ FOR SOLAR CELLS AND RENEWABLE ENERGY

➤ Mohamed BOUMZOUGH :

MOX₂ (X = S, SE, TE) MONOLAYERS AS A FLEXIBLE ANODE FOR NA-ION BATTERIES: AB INITIO STUDY

➤ Radouan HAB ARRIH:

INSTABILITY OF MEISSNER DIFFERENTIAL EQUATION AND ITS RELATION WITH PHOTON EXCITATIONS AND ENTANGLEMENT IN A SYSTEM OF COUPLED QUANTUM OSCILLATORS

➤ Zakaryae HAMAN :

INDIUM-BASED JANUS MONOLAYERS AS PHOTOCATALYSTS FOR HYDROGEN EVOLUTION REACTION.

➤ Kaoutar LAZAAR :

NUMERICAL STUDY AND DESIGN OPTIMIZATION OF A WIRE MESH REGENERATOR FOR BETA TYPE STIRLING ENGINE

➤ Abderrahmane WAQDIM:

ELECTRONIC AND OPTICAL PROPERTIES OF THE SIMPLE PEROVSKITES

➤ Hafid EL KHARAZ:

A TRANSIENT NUMERICAL STUDY OF TURBULENT NATURAL CONVECTION WITHIN A CHANNEL BEHIND PHOTOVOLTAIC PANEL USING AIR, WATER AND PCM MATERIALS

➤ Abdelhaq BELKACEM:

A PARAMETRIC STUDY OF AN ANTI-REFLECTION COATING MADE OF NANOPARTICLES EMPLOYING THE THEORY OF EFFECTIVE MEDIA AND THE INTERFERENCE MECHANISM FOR SOLAR CELLS

➤ Ilyas CHABRI :

NUMERICAL ANALYSIS OF CSSNI₃-BASED PEROVSKITE SOLAR CELL USING SCAPS-1D SOFTWARE

➤ Ahlam ALAOUI

THERMAL METAMATERIALS FOR ENERGY-SAVING BUILDINGS

Chemistry

	Plenary Session 5 / Conference Hall	➤ Chairwoman : Pr. Fatima BOUKHLIFI
09H00 - 10H20	➤ Pr. Touria ZAIR TEACHER RESEARCHER ,FACULTY OF SCIENCES MEKNES , MOROCCO	
	➤ Pr. Abdelghani LAACHACHI TEACHER RESEARCHER LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY	
10H20- 10H45	Coffee break	

10H45 - 13H15		
Session C1 Conference Hall	Session C2	Session C3
Chairman : Pr. Omar ZGAOUI Pr. Mohammed NACIRI BENNANI Pr. Fatima BOUKHLIFI Pr. Abdellah EL ANSARI Pr. Mohamed DOUMA	Chairman : Pr. Fatima EL HILALI Pr. Rachid CHFAIRA Pr. Abdelaziz ABDALLAOUI Pr. Ennasef KHALID Pr. Ali ABOUZ	Chairman : Pr. Touria ZAIR Pr. Guenoun FARHATE Pr. Amina AMINE Pr. Ali AMCHROUQ Pr. Najim ITTOBANE Pr. Tahar LAKHLIFI
➤ Mehdi MENNANI : CHARACTERIZATION AND APPLICATION OF LIGNOCELLULOSIC MATERIALS AS BIO-BASED FILLERS FOR PHENOL-FORMALDEHYDE WOOD RESIN	➤ Mouna EL KHABCHI : THEORETICAL INVESTIGATION OF THE ROLE OF HYDROGEN BONDS IN THE STABILIZATION OF AC-PRO-AZAXAA-NHME (XAA= ASN, ASP, ALA, CYS).	➤ Hajar BENRZEIL : IMINO-BIS-DIPEPTIDES A BASE DE N-PYRROLIDINE POUR LA CATALYSE DE REACTIONS ALDOLIQUES ASYMETRIQUES
➤ Meriem KASBAJI : PHYSICO-CHEMICAL CHARACTERIZATION AND VALORIZATION OF LIGNOCELLULOSIC WASTE AS NEW BIO-ADSORBENTS FOR THE ADSORPTION OF METHYLENE BLUE IN AQUEOUS SOLUTION	➤ Youssef YOUSSEFI : CORROSION INHIBITION OF CARBON STEEL IN 1M HCL SOLUTION BY A Γ-BUTYROLACTONE DERIVATIVE SYNTHESIZED BY THE MICROWAVE OVEN TECHNIQUE	➤ Lahcen EL HAMD AOUI : SYNTHESIS AND CHARACTERIZATION OF NOVEL AMPHOLYTIC BIOMATERIAL BASED ON THE MICROCRYSTALLINE CELLULOSE AND ITS ANTIBACTERIAL ACTIVITY
➤ Abdelhak MAGHCHICHE : GREEN SYNTHESIS OF NANOPARTICLES APPLICATIONS FOR BIOMEDICAL	➤ Abdeslam MOUADILI : SPECTROSCOPIC AND ELECTROCHEMICAL STUDY OF THE BIOMIMETIC OXIDATION CATALYSIS OF DIPHENOLS AND AMINOPHENOLS	➤ Jamila EL KARKOURI : COMPOSITION CHIMIQUE ET EVALUATION DE L'ACTIVITE ANTIOXYDANTE DE CISTUS LADANIFER L. DE MOYEN ATLAS MAROC
➤ Mostapha KARA OUI : THERMAL TREATMENT AND CHARACTERIZATION OF PREPARED SNAIL SHELL POWDER (SSP) USING THE MECHANOCHEMICAL PROCESS.	➤ Esseddik ELQARS : PREVENTION OF CARBON STEEL CORROSION IN HYDROCHLORIC ACID OF A NEW BIS-ISOOXAZOLINE-CARVONE	➤ Omar OU-ANI : EXPERIMENTAL OF INHIBITIVE ACTION OF OCIMUM BASILICUM ESSENTIAL OIL AS GREEN CORROSION INHIBITOR FOR C38 STEEL IN 0.5M H2SO4 MEDIUM
➤ Mustapha DIB : MGAL2O4 SPINEL DERIVED FROM LAYERED DOUBLE HYDROXIDES AS HETEROGENEOUS CATALYST FOR GREEN ONE-POT SYNTHESIS OF SUBSTITUTED 4H-PYRAN	➤ EL Houcine LAHRAR : STUDY OF STRUCTURAL, MICROSTRUCTURAL AND DIELECTRIC PROPERTIES OF LEAD-FREE CERAMICS BAZRXTI1-XO3 PREPARED BY SOL-GEL PROCESS	➤ Bouchra EL MOUMEN : ETUDE PHYTOCHIMIQUE ET ACTIVITE ANTIOXYDANTE DE FOENICULUM VULGARE MILL
➤ Adnane LAHNAFI : REMOVAL OF CA2+ AND MG2+ IONS BY CATION EXCHANGE WITH THE MEMBRANE OF ZEOLITE LTA	➤ Omayma BOUZEKRI : CHEMICAL PROFILE AND IN-SILICO MOLECULAR DOCKING STUDIES AGAINST SARS-COV-2 OF ESSENTIAL OILS OF THREE APIACEAE SPECIES FROM SOUTH-EAST MOROCCO	➤ Malika SABIHA : ORIGANUM MAJORANA L ESSENTIAL OIL AS ANTI-CORROSIVE INHIBITOR OF STEEL IN HYDROCHLORIC ACID
➤ Noura AFLAK : COPPER ON MAGNETIC POLYMER COMPOSITE: AN EFFICIENT RECYCLABLE CATALYST FOR THE REGIOSELECTIVE CONSTRUCTION OF 1,2,3-TRIAZOLES IN GREEN CONDITIONS	➤ Nadia HADI : CARACTERISATION PHYTOCHIMIQUE ET EVALUATION DU POTENTIEL ANTIOXYDANT DE L'ESPECE AMMODAUCUS LEUCOTRICHUS COSSON ORIGINAIRE DU SUD-EST MAROCAIN	➤ Aissam SBAI: CONTRIBUTION A LA VALORISATION DES FRUITS DE DEUX VARIETES DE BIGARADIER CITRUS AURANTIUM COMME SOURCE DE PECTINE
➤ Hafssa ATLAS : PHOTOCHEMICAL STUDY AND POLYPHENOL EXTRACTION FROM THE MOCCAN LAVENDER: LAVANDULA PEDUNCULATA		➤ Elgamouz SABAH: A COMPARATIVE STUDY OF PHYTOCHEMICAL PROFILE, OF DIFFERENT SOLVENTS EFFECTS ON TOTAL PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITIES OF VARIOUS PARTS OF HALIMIMUM HALIMIFOLIUM

Chemistry

Plenary Session 6 / Conference Hall

➤ Chairwoman: Pr. Fatima BOUKHLIFI

15H00 - 16H15

➤ Pr. Al-rashdi AWAD

TEACHER RESEARCHER UNIVERSITÉ D'UMM AL-QURA , ARABIE SAOUDITE

➤ Pr. Mohammed BOUACHRINE

TEACHER RESEARCHER ,FACULTY OF SCIENCES MEKNES , MOROCCO

16H20 - 18H30

Session C4
Conference Hall

Session C5

Session C6

Chairman :

Pr. Omar ZEGAOUI

Pr. Mohammed NACIRI BENNANI

Pr. Fatima BOUKHLIFI

Pr. Abdellah EL ANSARI

Pr. Mohamed DOUMA

Chairman :

Pr. Abdallaoui ABDELAZIZ

Pr. Touria ZAIR

Pr. Fatima HILALI

Pr. Rachid CHFAIRA

Pr. Ali ABAOUZ

Pr. Abdellatif AMHOUD

Chairman :

Pr. Tahar LAKHLIFI

Pr. Mohammed BOUACHRINE

Pr. Mustapha EL IDRISSI

Pr. Najim ITTOBANE

Pr. Ali AMCHROUQ

➤ Habiba KHIAR :

BI3+ IMPREGNATED SILVER PHOSPHATE: EXTENDED USE OF VISIBLE LIGHT AND PHOTOCATALYST STABILIZATION

➤ Amal SOUFI:

REMARKABLE CATALYTIC PROPERTIES OF MAGNESIUM DOPED COPPER FERRITES SYNTHESIZED BY SOL-GEL AUTO-COMBUSTION WITH CITRIC ACID AS FUEL FOR CWPO OF DYES

➤ Omar BRITEL :

DFT AND TD-DFT STUDY ON THE OPTICAL AND ELECTRONIC PROPERTIES OF CARBAZOLE-BASED ORGANIC DYES FOR DSSCS

➤ Fatima Zahra FALIL :

ASSESSMENT OF ASTRAZON ORANGE G DYE ADSORPTION ONTO MOROCCAN PHOSPHATE ROCK: BATCH AND CONTINUOUS STUDY

➤ Fatima ezzahra ACHIBAT :

L'UTILISATION DE LA METHODE DMAIC DANS UNE ENTREPRISE DU CABLAGE

➤ Safa HOUMANI :

ADSORPTION MECHANISM INVESTIGATION OF METHYL ORANGE ON ZNALCO₃ LAYERED DOUBLE HYDROXIDE IN AQUEOUS SOLUTION USING DFT COMPUTATIONAL ANALYSIS

➤ Salwa EL BAAKILI :

ACELLULAR BIOACTIVITY AND DRUG DELIVERY OF DOPED NEW BIOACTIVE GLASSES PREPARED THROUGH HYDROTHERMAL PROCESS

➤ Zohra FARID :

REMOVAL OF CARBONATE GANGUE FROM PHOSPHATE ORE USING SOYBEAN AND SUNFLOWER OILS AS A NOVEL COLLECTOR

➤ Malika KHNIFIRA :

ERIOCHROME BLACK T ADSORPTION ON THE CHITOSAN SURFACE: MOLECULAR DYNAMIC SIMULATION, DFT CALCULATIONS AND EXPERIMENTAL STUDY

➤ Noura NAJID:

COMPARISON OF DIFFERENT MEMBRANE TECHNOLOGIES FOR BORON REMOVAL FROM SEAWATER

➤ Aomar BIARI :

INHIBITORY EFFECT OF THIOSEMICARBONE ON THE CORROSION OF COPPER IN A SOLUTION OF NaCl 3%

➤ Youness MOUKHLISS :

A STUDY ANTIOXIDANT ACTIVITY OF NOVEL ISOXAZOLE-BASED MOLECULES BY 3D-QSAR, MOLECULAR DOCKING, ADME, MOLECULAR DYNAMICS AND RETROSYNTHESIS

➤ Mohamed LAOURAYED :

THERMAL AND DIELECTRIC PROPERTIES OF TA₂O₅-BI₂O₃-P₂O₅ PHOSPHATE GLASSES

➤ Mohamed EL MESKY :

CORROSION INHIBITION OF CARBON STEEL IN 1M HCL BY QUINOLIN-8-YL 4-METHYLBENZENESULFONATE

➤ Mohammed ER-RAJY :

MOLECULAR DOCKING AND QSAR STUDIES TO MODEL THE ANTICANCER ACTIVITY OF 3-(PHENYLAMINO) INDOLONE DERIVATIVES

➤ Hind HAJJAOUI :

METAL PHOSPHATE/POLYANILINE NANOCOMPOSITE FOR THE ADSORPTION OF ERIOCHROME BLACK T DYE FROM AQUEOUS MEDIA: ISOTHERM AND KINETIC STUDIES.

➤ Hicham ZGUENI :

INHIBITION OF CORROSION OF CARBON STEEL IN 1M HCL BY QUINOLIN-8-YL BENZOATE

➤ Youssef SAKOUT :

STRUCTURAL AND DIELECTRIC STUDY OF NICKEL-DOPED PBTO₃ PEROVSKITE MATERIALS

➤ Assia AIT EL MAHJOUB :

ADSORPTION D'UN COLORANT TEXTILE (ORANGE G) SUR CHARBON ACTIF

➤ Sanaa KOUZBOUR :

COMPARISON OF MANGANESE (II) REMOVAL BY INTENSIVE AERATION PROCESS IN AIRLIFT AND BUBBLE COLUMNS REACTORS

➤ My Ahfid EL ALAOUY :

NEW COMPOUNDS BASED ON 3,5-DIARYL-1H-PYRAZOLE DERIVATIVES AS POTENT INHIBITORS FOR THE TREATMENT OF ALZHEIMER'S DISEASE: 3D-QSAR, MOLECULAR DOCKING, ADMET, AND MOLECULAR DYNAMICS SIMULATION STUDIES

➤ Hamid BARKOUCH :

EFFECT OF BISMUTH DOPING ON THE TiO₂ NANOPARTICULE MATERIAL AND STUDY OF ITS PHOTOCATALYTIC ACTIVITY UNDER SUNLIGHT.

➤ Bouchaib AIT HADDOU :

CORROSION INHIBITION OF THE ETOH EXTRACT OF ZYGOPHYLLUM FABAGO FOR CARBON STEEL IN 1M HCL

➤ Abdelaaziz ALIOUI:

EFFECTS OF STRUCTURE AND OPTO-ELECTRONIC PROPERTIES OF D-Π-A ORGANIC DYES ON PHOTOVOLTAIC PERFORMANCE OF DYE-SENSITIZED SOLAR CELLS.

➤ Somia FELLAK:

ASSESSMENT OF VIBRATIONAL NON-INVASIVE APPROACH FOR THE CHARACTERIZATION OF CELLULOSE, HEMICELLULOSES AND LIGNIN IN EUCALYPTUS WOOD OF MOROCCO

Communication sessions	D4 : 24/06/2022	09H00 - 13H15
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Biology

	Plenary Session 7 / Conference Hall	➤ Chairman: Pr. Mohieddine MOUMNI
09H00 - 10H20	➤ Pr. Hassan HAJJAJ TEACHER RESEARCHER , FACULTY OF SCIENCES MEKNES , MOROCCO	
	➤ Pr. Mouhamemd DIOURI TEACHER RESEARCHER , FACULTY OF SCIENCES MEKNES , MOROCCO	
10H20- 10H45	Coffee break	

10H45 - 13H15		
Session B1 Conference Hall	Session B2	Session B3
Chairman : Pr. Nadia SENHAJI	Chairman : Pr.Mouhamemd DIOURI	Chairman : Pr. Hassan HAJJAJ
➤ Wijdane RHIOUI : EFFECT OF MULCH, PLANT EXTRACTS, AND INTERCROPPING ON WEED MANAGEMENT AND BELL PEPPER (CAPSICUM ANNUUM L.) YIELD.	➤ Abdelmajid QOURRICHI : PSYCHOLOGICAL HEALTH AND BEHAVIORAL CONTROL AMONG HEALTHCARE WORKERS	➤ Kaoutar ELHANDI : ASSESSMENT OF IONOMIC, PHENOLIC AND FLAVONOID COMPOUNDS FOR A SUSTAINABLE MANAGEMENT OF XYLELLA FASTIDIOSA IN MOROCCO
➤ Abdellatif BOUTAGAYOUT: FARMER PERCEPTIONS TOWARD COVID-19 EFFECTS ON AGRICULTURE AND AGROECOLOGICAL PRACTICES IN FEZ-MEKNES AND MARRAKESH-SAFI REGIONS, MOROCCO	➤ Soumia MOUJANE : PHYTOCOMPOUNDS FROM PRUNUS ARMENIACA.L AS PROMISING ANTI- HPV DRUGS: IN SILICO STUDIES AND IN VIVO SAFETY ASSESSMENT	➤ Smail AMTAGHRI : ANTIHYPERTENSIVE ACTIVITY OF HIBISCUS ROSA-SINENSIS AND EFFECT ON ANGIOTENSIN-CONVERTING ENZYME-2 (ACE2) OF THE ISOLATED THORACIC RAT AORTA
➤ Zakaria AMAROUCHI : BIOLOGICAL CONTROL: AN EFFECTIVE ECO-FRIENDLY WAY OF DISEASE MANAGEMENT IN GRAPEVINE	➤ Wafae LECHHAB : POTENTIAL HUMAN HEALTH RISK ASSESSMENT OF VOLATILE ORGANIC COMPOUNDS IN TWENTY-SIX UNTREATED SPRING WATERS IN NORTH MOROCCO	➤ Nabil MZOUDI : DIVERSITE MALACOLOGIQUE TERRESTRES SUR QUELQUES PLANTES AROMATIQUES ET MEDICINALES DE LA REGION JBEL ZERHOUN(MAROC)
➤ Hamza EL FINOU : SCREENING PHYTOCHIMIQUE ET EVALUATION DU POUVOIR ANTIOXYDANT DES EXTRAITS AQUEUX DE FOENICULUM VULGARE MILL.	➤ Noura ZOUINE : ENVIRONMENTAL PESTICIDE EXPOSURE AND VITAMIN D DEFICIENCY AMONG WOMEN OF REPRODUCTIVE AGE: A PRELIMINARY STUDY FROM MEKNES-EL HAJEB CITIES IN MOROCCO	➤ Abdelmajid EL KHAYARI : THE EFFECT OF FEEDING MEDICINAL PLANTS ON THE ENRICHMENT OF OTALA TINGITANA SNAIL SLIME.
➤ Touria LECHHAB : EDAPHOCLIMATIC FACTORS INFLUENCE AND GEOGRAPHICAL DISCRIMINATION OF 19 MOROCCAN MONOVARIETAL OLIVE OILS BASED ON FATTY ACIDS PROFILE	➤ Ayoub AMSSAYEF : UNRAVELLING THE ANTIHYPERGLYCEMIC EFFECT OF THE AQUEOUS EXTRACT OF MATTHIOLA MAROCCANA ON RATS	➤ Youssef HADDADI : USAGE DES MOINEAUX DOMESTIQUES DANS LA BIOINDICATION DE LA POLLUTION ATMOSPHERIQUE METALLIQUES PAR LE (ZN, PB, CD) DANS LA VILLE DE MEKNES

13H15 - 14H45	Break
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Biology

Plenary Session 8 / Conference Hall

Chairman: Pr. Nadia SENHAJI

15H00 - 15H25

➤ **Pr. Mohammed JEBBAR**

TEACHER RESEARCHER UNIVERSITE DE BRETAGNE OCCIDENTALE BREST FRANCE

15H30 - 18H30

Session B4
Conference Hall

Session B5**Session B6**

Chairman :
Pr. Nadia SENHAJI

Chairman :
Pr.Mouhamemd DIOURI

Chairman :
Pr. Hassan HAJJAJ

➤ **Hajar EL BASETT :**

GREEN APPROACH FOR LYCOPENE EXTRACTION FROM TOMATO PROCESSING BY-PRODUCTS USING ESSENTIAL OILS

➤ **Ahmed CHBIHI KADDOURI :**

UTILISATION DES BACTERIES LACTIQUES COMME OUTIL BIOLOGIQUE DE LUTTE CONTRE LES MOISSISURES RESPONSABLES DES MUQUEUSES HUMAINES

➤ **Farhaoui ABDELAZIZ :**

CHARACTERIZATION AND PATHOGENICITY OF FUSARIUM SPECIES ASSOCIATED WITH ROOT ROT OF SUGAR BEET IN MOROCCO. COMMUNICATION ORALE

➤ **Ghita AJANA :**

EVALUATION OF DIFFERENT GENOTYPES OF FABA BEAN (VICIA FABA L.) UNDER WATER STRESS AND SHADING CONDITIONS

➤ **Abderrafea ELBAHI :**

EFFECTS OF ANTHROPOGENIC DISTURBANCE ON REPTILES IN SOUSS-MASSA NATIONAL PARK

➤ **Lamyae TALBI :**

USE OF NATURAL COAGULANTS AID TO REMOVE TURBIDITY FROM DRINKING WATER

➤ **Noussaire El Fihry :**

CHARACTERIZATION OF PHYSICOCHEMICAL AND FUNCTIONAL PROPERTIES OF QUINCE FRUIT PECTIN

➤ **Ilham LHILALI :**

VITAMIN D DEFICIENCY AND THE RISK OF GESTATIONAL DIABETES MELLITUS IN MOROCCO

➤ **Abdelhak SAIDI :**

CONTRIBUTION TO THE STUDY OF WATER QUALITY IN OUED KHOUMANE (CITY OF MOULAY IDRIS ZERHOUN-MOROCCO)

➤ **Mohammed BOUHADI:**

ATTENUATION OF CHROMIUM VI TOXICITY IN SEEDLING FABA BEAN SEEDS BY ASCORBIC ACID, CITRIC ACID, SALICYLIC ACID, AND NITRIC ACID APPLICATION.

➤ **Nourdin HARICH :**

HYPERGLYCEMIE LIEE AU SARS-COV-2 ET LA SUSCEPTIBILITE AU DIABETE-TYPE 2 NOUVELLE CONNEXION EPIDEMIOLOGIQUE : COVID-19*DIABETE-TYPE 2

➤ **Bouchra SOULAIMANI:**

SYNERGISTIC ANTIBACTERIAL EFFECT OF THREE ESSENTIAL OILS AGAINST ANTIBIOTIC-RESISTANT GRAM-NEGATIVE BACTERIA

➤ **Touria LECHHAB :**

EDAPHOCLIMATIC FACTORS INFLUENCE AND GEOGRAPHICAL DISCRIMINATION OF 19 MOROCCAN MONOVARIETAL OLIVE OILS BASED ON FATTY ACIDS PROFILE

➤ **Kaoutar TADLAOUI ANOUAR :**

CLINICOPATHOLOGIC STUDY OF CERVICAL CANCER CASES CORRELATED WITH THE MOLECULAR DETECTION OF THE HUMAN PAPILLOMAVIRUS IN MOROCCO

➤ **Soukayna ALAOUI SOSSE :**

CORRELATION OF HIGH-RISK AND LOW-RISK HUMAN PAPILLOMAVIRUS INFECTIONS IN PROSTATE CANCER IN THE MOROCCAN POPULATION

➤ **Faical AOUIJIL :**

CHARACTERIZATION OF BOTRYTIS CINEREA ISOLATES FROM GRAPE: MORPHOLOGICAL AND VIRULENCE CHARACTERISTICS

➤ **Aicha ES-SALHI :**

ETUDE PHENOTYPIQUE ET GENOTYPIQUE DES ENTEROBACTERIES RESISTANTES AUX AMINOSIDES ISOLEES DES PRELEVEMENTS D'URINE

➤ **Hamza ELBOUNY:**

TOTAL PHENOLIC COMPOUNDS AND ANTIOXIDANT ACTIVITY OF MOROCCAN THYMUS SPECIES

➤ **Jaouad ZERHOUNI :**

EFFECT OF CALCINATION OF TWO ANIONIC CLAYS ON THEIR BIOELECTRONICS COORDINATES AND ANTIBACTERIAL ACTIVITIES

➤ **Ikram TIABI:**

MOLECULAR EVALUATION OF BK AND MC HUMAN POLYOMAVIRUS AS PROMISING PROSTATE CANCER MARKERS IN MOROCCAN POPULATION

➤ **Yousra AMEZIANE EL HASSANI:**

DETECTION OF ASCARIS SP. IN VEGETABLES IRRIGATED WITH WASTEWATER IN URBAN AND PERI-URBAN AREAS OF MEKNES CITY (MOROCCO)

Geology

	Plenary Session 9 / Conference Hall	➤ Chairman: Pr. Mahjoub MAHJOUBI
09H00 - 10H20	➤ Pr. Mohamed AISSA TEACHER RESEARCHER FACULTY OF SCIENCES MEKNES, MOROCCO	
	➤ Pr. Mustapha MILI TEACHER RESEARCHER FACULTY OF SCIENCES MEKNES, MOROCCO	
10H20- 10H45	Coffe break	

10H45 - 12H35	
Session G1 Conference Hall	Session G2
Chairman : Pr. Mustapha MILI Pr.Hachem AOURAGH Dr. Mohamed EL HAFYANI	Chairman : Pr. Mahjoub MAHJOUBI Pr. Mohamed ROUAI Pr.Mustapha ELABOUYI
➤ Youness TAHIR : DESIGN OF CONTROLLED BLASTING (PRE-SPLITTING) IN A HYDROELECTRIC CONSTRUCTION PROJECT	➤ Azizi MOUSSAID : NEW GEOCHRONOLOGICAL DATA (U/PB ON ZIRCON) AND GEOCHEMISTRY OF THE TAGMOUT MASSIF (EASTERN ANTI -ATLAS, MOROCCO): A POST-COLLISIONAL EVENT IN A METACRATONIC SETTING
➤ Zineb IALLAMEN: LAND USE AND LAND COVER CHANGES IN WATERSHED BEHT USING REMOTE SENSING AND GOOGLE EARTH ENGINE	➤ Mohamed EZ-ZGHOUDY : MINERAL COMPOSITIONS OF CO-NI-FE ARSENIDES AND SULFO-ARSENIDES FROM THE F53W DEPOSIT RELATED TO THE SOUTHERN CONTACT OF THE AIT AHMANE SERPENTINITE MASSIF (BOU-AZZER EL GRAARA INLIER, CENTRAL ANTI-ATLAS, MOROCCO)
➤ Brahim AIT SAID : ASSESSMENT OF THE GROUNDWATER QUALITY FOR DOMESTIC AND IRRIGATION PURPOSES IN THE ALLUVIAL GROUNDWATER OF TINEJDAD-TOUROUG, SOUTH-EAST, MOROCCO	➤ Karim BOUHALI : SPATIAL ANALYSIS AND TEMPORAL ORGANIZATION OF THE SEISMIC SEQUENCE OF THE SOUTH ALBORAN SEA, DRIOUCH REGION
➤ Chaimae NESSAH: SPATIO-TEMPORAL MONITORING OF SOIL NITRATE CONCENTRATIONS IN A POTATO FIELD IN THE SAISS BASIN	➤ Ilyasse LOUDAOUED : MINERALISATIONS POLYMETALLIQUES A CU-ZN-PB (AG-AU) DES SKARNS D'AMENSIF (HAUT-ATLAS OCCIDENTAL, MAROC) : CARACTERISATION MINERALOGIQUE ET SUCCESSION PARAGENETIQUE
➤ Mohamed AIT HADDOU : SOIL ERODIBILITY ANALYSIS AND MAPPING IN ISSEN CATCHMENT, SOUSS RIVER BASIN (WESTERN HIGH ATLAS, MOROCCO)	➤ Abderrahim BOULANOUAR : ESTIMATION OF SCATTERING AND INTRINSIC ATTENUATION IN RIF MOUNTAINS AND ALBORAN SEA, NORTHERN MOROCCO
➤ Soufiane TICHLI : IS THE BAY OF TANGIER REALLY THREATENED BY STORMS ?	➤ Said EL MAKRINI : 3D GEO-ELECTRICAL MODELLING OF THE BASALTIC AQUIFER IN THE GUIGOU PLAIN, MIDDLE ATLAS, MOROCCO
	➤ Slimane HITOURI : APPLICATION DES METHODES GEOPHYSIQUES A L'ETUDE LITHOSTRATIGRAPHIQUE ET NEOTECTONIQUE DE LA VILLE DE TAROUDANT : IMPLICATIONS POUR LES EFFETS DE SITE

12h50-13h30

Closing Ceremony

14H00	Break
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Poster sessions

D1	MATH	➤ Abdelghani DAOUDI	ANOMALOUS DIFFUSION LAWS ON A SPHERE FROM GENERALIZED LANGEVIN EQUATION
		➤ Ismail EZZERRIFI AMRANI	NEW GENETIC ALGORITHMS PROCESS FOR JOB SHOP SCHEDULING PROBLEM (JSP)

D3 - 23/06/2022	CHEMISTRY	➤ Mohamed OUABANE	2D-QSPR AND ADMET STUDY OF LINEAR RETENTION INDEX TO CONTROL THE QUALITY OF HETEROCYCLIC COMPOUND COMPRISING OXYGEN IN CITRUS BEVERAGES
		➤ Abderrahim KALI	ADSORPTIVE REMOVAL OF AN ANIONIC AZO DYE BY A RAW AND ACTIVATED LIGNOCELLULOSIC WASTE (PEANUT SHELL)
		➤ Mohamed SADOQ	ETUDE DE L'ADSORPTION DU CRISTAL VIOLET SUR UN MATÉRIAU BIOPOLYMER (CHITINE BRUTE)
		➤ El Bouhi MHAMED	ANTI-TUMOR ACTIVITY OF NOVEL BENZIMIDAZOLE-CHALCONE HYBRIDS AS NON-INTERCALATIVE TOPOISOMERASE II CATALYTIC INHIBITORS: 2D-QSAR STUDY
		➤ Siham ECHIH	EXPERIMENTAL STUDY OF THE INHIBITORY EFFECT OF PYRAZOLE PYRIMIDINE DERIVATIVE ON MILD STEEL CORROSION IN 0.5M H ₂ SO ₄
		➤ Dounia TLAMSAMANI	THE EFFECT OF ALITE POLYMORPHISM ON THE RATE OF HYDRATION
		➤ Oumayma OULIDI	DETERIORATION OF POLYAMIDE 6 BIO-COMPOSITE BY BACTERIA: LYSINIBACILLUS, ALCALIGENE FAECALIS AND ENTEROCOCCUS FAECALIS
		➤ Zakya M'HAMDI	ETUDE COMPARATIF DE LA COMPOSITION CHIMIQUE ET ACTIVITÉS ANTIOXYDANTS DE L'HUILE ESSENTIELLE DE PÉLARGONIUM GRAVEOLENS DES QUATRE RÉGIONS DU MAROC
		➤ Ayoub NAJEM	EXPERIMENTAL AND THEORETICAL APPROACHES OF A NEW GREEN ANTI-CORROSION INHIBITOR OF CITRUS
		➤ Fatima zahrae RADI	PHYTOCHEMICAL PROFILE, ANTIHYPERGLYCEMIC POTENTIAL AND TOXICITY ASSESSMENT OF THYMUS WILLDENOWII BOIS EXTRACT. OF THE MIDDLE ATLAS OF MOROCCO (IFRANE)
		➤ Soukaina ESSLALI	IN SILICO STUDIES OF DIPEPTIDES AS INHIBITORS OF ANTIPROLIFERATIVE ACTIVITY USING 2D AND 3D-QSAR, MOLECULAR DOCKING AND ADMET PROPERTIES
		➤ Youness KHADDAM	NONLINEAR OPTICAL PROPERTIES OF ORGANIC PHOTOVOLTAIC MOLECULES WITH D- π -A ARCHITECTURE FOR THE POTENTIAL APPLICATIONS ON SOLAR CELL DEVICES: A DFT APPROACH
		➤ Yahya BOUBEKRI	NOUVELLE SÉRIE DE N-ACYLHYDRAZONES DÉRIVÉS DE L'ACIDE SALICYLIQUE
		➤ Maria JABRI	ACORN WASTE VALORIZATION AS REINFORCEMENT IN POLYSTYRENE COMPOSITE
		➤ Ahmed AZAID	NONLINEAR OPTICAL RESPONSE OF NEW METAL-FREE ORGANIC COMPOUNDS: STRUCTURAL MODIFICATION OF π -LINKERS IN THE D- π -A STRUCTURE
		➤ Ibtissam ELAARAJ	SYNTHESIS, SPECTROSCOPIC CHARACTERIZATION AND ANTIOXIDANT, ANTIBACTERIAL ACTIVITY OF SOME TRANSITION METAL COMPLEXES OF SCHIFF BASE [(N1Z,N2Z)-N1,N2-BIS((1H-PYRROL-2-YL)METHYLENE)ETHANE-1,2-DIAMINE]
		➤ Rchid KACIMI	NOVEL INDANDIONE-BASED DONOR COMPOUNDS FOR ORGANIC SOLAR CELL APPLICATIONS.
		➤ Issam AZGHAY	COMPUTATIONAL MODELING AND STATISTICAL STUDY OF THE CORROSION INHIBITION MECHANISM OF MILD STEEL BY THREE PYRAZOLE DERIVATIVES
		➤ Atika AILLI	ETUDE PHYTOCHIMIQUE, EFFET ANTIHYPERGLYCÉMIANT ET TOXICITÉ DE ROSA DAMASCENA L. DU MAROC
		➤ Hanane ETABTI	THEORETICAL STUDY OF π -SPACER ON BENZOCARBAZOLE-BASED MOLECULES TO ENHANCE THE OPTOELECTRONIC PROPERTIES OF ORGANIC SOLAR CELLS
		➤ Aman Allah GOURICH	STUDY OF VOLATILE COMPOUNDS AND NON-VOLATILE COMPOUNDS OF THE ALOYSIA CITRODORA PLANT IN THE FES – MEKNES REGION
		➤ Khalid ZIBOUH	ÉTUDE PHYTOCHIMIQUE DE SALVIA OFFICINALIS DE LA RÉGION DE MEKNÈS
		➤ Mostafa ETTARCHOUC	RECHERCHE ET CARACTERISATION DE DETERMINANTS CONTROLANT L'ACCUMULATION DE CERTAINS METAUX DANS LES FEUILLES DE THUYA DE BERBERIE (TETRACLINIS ATICULATA VAHL) DE LA REGION DE KHENIFRA.
		➤ Meryem JERROUDI	EFFECT OF COBALT ADDITION ON PHYSICAL, STRUCTURAL AND OPTICAL PROPERTIES OF ZINC PHOSPHATE GLASSES
		➤ Ayoub ASBABOU	ETUDE PHYTOCHIMIQUE ET EVALUATION DE L'ACTIVITÉ ANTIBACTÉRIENNE DE L'HUILE ESSENTIELLE DE THYMUS ZYGIS
		➤ Brahim ED-DAMSYRY	VALORISATION PHYTOCHIMIQUE ET BIOLOGIQUE DE MENTHA PULEGIUM L
		➤ Nadia ZEKRI	EXTRACTS OF M. PULEGIUM (L.) AND M. SPICATA (L.): EFFECT OF EXTRACTION CONDITIONS ON PHENOLICS AND FLAVONOIDS CONTENTS AND THEIR ANTIOXIDANT POWER
		➤ Hanane ELAZZOUI	TOTAL PHENOLIC AND FLAVONOID CONTENTS OF ANACYCLUS PYRETHRUM LINK PLANT EXTRACTS AND THEIR ANTIOXIDANT ACTIVITY
		➤ Hamid ZIYAT	IN VITRO EVALUATION OF THE ANTIFUNGAL ACTIVITY OF FORMULATIONS CLAY/ESSENTIAL OIL AGAINST PENICILLIUM SP
		➤ Nisrin Chliff	IN VIVO ANTI-INFLAMMATORY, ANALGESIC, AND ANTIPYRETIC ACTIVITIES OF AQUEOUS EXTRACT FROM LEAVES OF BROCCIA CINEREA (VIS.)
		➤ Amine BENNANI BAITI	PRELIMINARY STUDY FOR THE PHOTO-DEGRADATION OF PARANITROPHENOL ORGANIC POLLUTANT BY LAYERED DOUBLE HYDROXIDES ZN ₂ AL ₂ MATERIAL
		➤ Fatima EN-NAHLI	ACARICIDAL AND QUANTITATIVE STRUCTURE ACTIVITY RELATIONSHIP OF ISOXAZOLINE DERIVATIVES AGAINST A TYPE OF SPIDER MITE (BOISDUVAL)
		➤ Halima HAJJI	ANTIPROLIFERATIVE ACTIVITY: DISCOVERY OF NEW BENZOXANTHENES DERIVATIVES BY USING VARIOUS STATISTICAL METHODS 2D/3D-QSAR AND MOLECULAR DOCKING
		➤ Amal BOUZOUBA	VALORISATION PHYTOCHIMIQUE ET BIOLOGIQUE DE GINGEMBRE ET DE NOYAU D'AVOCAT
		➤ Jamal HOUSAINI	MG-AL HYDROTALCITE AS A HETEROGENEOUS CATALYST FOR KNOEVENAGEL CONDENSATION REACTION OF BENZALDEHYDE WITH MALONONITRILE
		➤ Chadia MOUNIR	CATALYTIC REDUCTION OF PARA-NITROPHENOL OVER CU NANOPARTICLES CATALYSTS SUPPORTED ON BIOPOLYMERS CHITIN AND CHITOSAN
		➤ TAHIRI AYOUB	STUDY OF THE PERFORMANCE OF A CLAY-BASED MEMBRANE WITH A LAYER OF ZEOLITE ON THE FILTRATION OF AN INDUSTRIAL DYE
		➤ Ouallal HASSAN	ETUDE DE L'ADSORPTION D'UN COLORANT CATIONIQUE (VERT DE METHYLE) SUR UNE ARGILE MAROCAINE EN MILIEU AQUEUX (POSTER)
		➤ Younes DEHMANI	DETOXIFICATION OF OLIVE MILL WASTEWATER BY ADSORPTION ON ACTIVATED CLAY

D2 - 22/06/2022	PHYSICS	➤ El Mahdi EL MERS	THERMAL ENERGY STORAGE BASED ON PHASE CHANGE MATERIALS: LOW TEMPERATURE
		➤ Manal HAJJAMI	THE STRUCTURE, ELECTRONIC END MAGNETIC PROPERTIES OF ANTI-PEROVSKITE CABRIDES ZNFE3C
		➤ Abdelhamid AIT M'HID	THE STRUCTURAL ELECTRONIC AND MAGNETIC PROPERTIES OF ZNO DOPED WITH DOUBLE IMPURITIES (TI, CR): AB INITIO AND MONTE CARLO STUDY
		➤ Slimane MOUCHOU	COMPUTATION OF STRUCTURAL STABILITY, MECHANICAL, AND THERMODYNAMIC PROPERTIES OF CO2MNSI AND CO2MNGE
		➤ Malika ZAIM	HYSTERESIS RESPONSE OF A CORE-SHELL HEISENBERG NANOPARTICLE IN PRESENCE OF A DYNAMIC MAGNETIC FIELD: A MONTE CARLO STUDY
		➤ Asmae HASNAOUI	IMPROVEMENT OF THE QUALITY FACTOR RELATED TO FANO
		➤ Abderrahim BARHOUMI	THE INFLUENCE OF GEOMETRICAL PARAMETERS OF A METAMATERIAL ON COMPRESSION-TORSION COUPLING EFFECTS
		➤ Souhaila EL BOUZAKRI IDRISSE	THERMAL BEHAVIOR SIMULATION FOR VARIOUS BRAKE DISC DESIGNS
		➤ Malak BOUNBAA	A DFT STUDY OF STRUCTURAL AND ELECTRONIC PROPERTIES OF MOLYBDENUM DISULFID MONOLAYER FOR LITHIUM-ION BATTERIES APPLICATION
		➤ Youssef EL BADRI	OPTICAL AND ELECTRICAL STIMULATION OF CAVITY-ENHANCED PEROVSKITE SOLAR CELL
		➤ Hajar EL YASSINI	CLIMATE CHANGE AND HEAT ISLAND

D4 - 24/06/2022	BIOLOGY	➤ Meriem YATIM	EFFECTS OF PRE-SOWING TREATMENTS AND THERMIC STRESS ON SEED GERMINATION OF CAROB FROM FOUR MOROCCAN REGIONS
		➤ Oumaima FAZZA	NON TYPHOIDAL SALMONELLA IN FOOD PRODUCTS
		➤ Faiza EL HAJLI	THE ANTIOXIDANT AND ANTIFUNGAL POWER OF THE AQUEOUS EXTRACT OF PISTACHIA LENTISCUS AND TETRACLINIS ARTICULATA AGAINST GEOTRICHUM CANDIDUM
		➤ Aziz BOUYMAJANE	CHEMICAL PROFILE AND BIOLOGICAL ACTIVITIES OF THYMUS ZYGIS SUBSP. GRACILIS ESSENTIAL OIL
		➤ Saida ZERKANI	ASSESSMENT OF HEAVY METAL CONCENTRATION AND ORGANIC POLLUTION IN A SALMONID ECOSYSTEM: CASE OF OUED GUIGOU, MIDDLE ATLAS (MOROCCO)
		➤ Kaoutar Naciri	THE DRAWF PALM CHAMAEROPS HUMILIS VALUATION FROM TETOUAN REGION IN THE NORTH OF MOROCCO, THROUGH A PHYSICO-CHEMICAL CHARACTERIZATION
		➤ Youness SEHLI	ETUDE DE LA DIVERSITÉ MORPHOLOGIQUE DES FRUITS ET DES GRAINES DE CERATONIA SILIQUA PROVENANT DE LA RÉGION D'OUJDA
		➤ Jihane KENFAOUI	IN VITRO EVALUATION OF THE ANTIFUNGAL ACTIVITY OF CINNAMOMUM ZEYLANICUM AND LAVANDULA LATIFOLIA ESSENTIAL OILS AGAINST FUNGI INVOLVED IN GRAPEVINE TRUNK DISEASES
		➤ Aziz ZOUHRI	STUDY OF THE ANTIOXIDANT ACTIVITY AND THE ANALGESIC EFFECT OF THE AQUEOUS EXTRACT OF THE LEAVES OF CYTISUS VILLOSUS
		➤ Karima EL-MOUHDI	PATIENT ADHERENCE TO ANTI-LEISHMANIA TREATMENT: A POINT OF VIEW OF HEALTH PROFESSIONALS WORKING IN HEALTH FACILITIES IN MOROCCO
		➤ Rania MOUBACHIR	PHENOLIC CONTENT, ANTIOXIDANT, ANTI-DIABETIC AND ANALGESIC ACTIVITIES OF AQUEOUS EXTRACT OF SALICORNIA ARABICA
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D5	Geology	➤ El Azmi MOHAMMED :	NEW GEOLOGICAL AND GEOCHEMICAL DATA FROM THE AÇDIF GOLD-BEARING SHEAR ZONE (ZENAGA INLIER, CENTRAL ANTI-ATLAS, MOROCCO)
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