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THE FIRST INTERNATIONAL SEMINAR ON CHEMICAL PROCESS AND ENVIRONMENT



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1ST ISCPE2022

CONFERENCE PROGRAM

Faculty of Sciences & Technology
University of Biskra-Algeria



ISCPE2022

14-15 MARCH 2023

CHAIRMAN

Pr. Merzougui Abdelkarim



ISCPE2022

The First International Seminar
On

Chemical Process and Environment

Faculty of Sciences & Technology
University Of Biskra
Biskra, Algeria,

14 - 15 March 2023

Conference Program



Faculty of Sciences
& Technology



Scientific Committee

Organizing Committee

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Dr. Belhi Guerira	Univ-Biskra		
Dr. Labed Adnane	Univ-Biskra		
Dr. Ramzi Saadi	Univ-Biskra		
Dr. Kamel Aoues	Univ-Biskra		
Dr. Bacha oussama	Univ-Ourgla		

Speaker / Poster Instructions

Speaker instructions

The program also shows the time allotted for each presentation.

When preparing your presentation, please keep in mind the following:

- ***Regular oral presentations (15 minutes)***

Maximum 12 minutes presentation, 3 minutes for discussion/questions

- ***Invited oral presentations (45 minutes)***

Maximum 35 minutes presentation, 10 minutes for discussion/questions

Note that we allocate 1 minute for change of speakers between presentations.

Suggestions for PowerPoint presentation

The key points for your care are:

- That the standard presentation format is widescreen (16:9),
- That you do not put too much information on a slide,
- That you use a big enough font to make your slides well readable, and, finally,
- That you do not use too many slides, in other words that you give enough attention to each slide.

Poster instructions

- Size of posters: maximum size is A2 (width about 42 cm, height about 59,4 cm).
- Total space provision: space for one poster sheet for each allocated poster presentation.
- How shall they be hung: in vertical (portrait) direction.
- Format? Please use the sent template format for the poster layout.
- Materials to attach the posters to the poster board are available at the poster boards.
- Put your poster on poster board with ID number of your poster in the top, e.g."WT020". You can find the ID-number of your poster(s) on program schedule.
- Poster should be hung 30 minutes before the specified date.

Overview: Tuesday Wednesday /14-15March, 2023

First Day	
Time	Tuesday/March 14, 2023
8 ^h 00 – 9 ^h 00	Welcome & Registration
9 ^h 00 – 9 ^h 30	Opening Ceremony
9 ^h 30 – 10 ^h 15	Keynote 1
10 ^h 15 – 11 ^h 15	Coffee Break/ Poster session 1
11 ^h 15 – 12 ^h 00	Keynote 2
12 ^h 00 – 14 ^h 00	Lunch
14 ^h 00 – 15 ^h 00	Oral session 1 / 03 Parallel Rooms
15 ^h 00 – 15 ^h 30	Coffee Break/ Poster session 2
15 ^h 30 – 16 ^h 30	Oral session 2 / 03 Parallel Rooms

Second Day	
Time	Wednesday/March 15, 2023
8 ^h 30 – 9 ^h 15	Keynote 3
9 ^h 15 – 10 ^h 00	Keynote 4
10 ^h 00 – 11 ^h 00	Coffee Break/ Poster session 3
11 ^h 00 – 12 ^h 00	Oral session 3 / 03 Parallel Rooms
12 ^h 00 – 14 ^h 00	Lunch
14 ^h 00 – 15 ^h 00	Oral session 4 / 03 Parallel Rooms
15 ^h 00 – 16 ^h 00	Coffee Break/ Poster session 4
16 ^h 00 – 16 ^h 30	Closing Ceremony/ Attestation Distribution

Important note: The registration process will be available during the days of the seminar

Tuesday/March 14, 2023

Auditorium

8 ^h 00 – 9 ^h 00	Welcome & Registration
9 ^h 00 – 9 ^h 30	Opening Ceremony

Plenary Session 1:

Chairs: Pr. Barkat Djamel & Pr. Ben Temam Hachemi

9 ^h 30 – 10 ^h 15	Keynote 1
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10 ^h 15 – 11 ^h 15	Coffee Break & Poster Session 1
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Poster Session 1:

ID	Title	Authors	Affiliation
SP002	Experimental and Modeling Study of the Effect of Al and Al ₂ O ₃ Nanoparticles on CO ₂ Separation from Natural Gas Using Gas Hydrate Process	Said Samer, Mohamed Belloum, and Jean-Michel Herri	Laboratory of Materials Chemistry and the Living (LCMVAR), University of Batna 1, 05000 Batna, Algeria
SP004	Chemical Composition ,Screening of Phytoconstituents and FT-IR-analysis of Helianthemum Lippi L .growing in southern Algeria	Fouhma Abir, Tamma Nouredine, Rebiai Abdelkrim	Laboratoire de Chimie Appliquée et Environnement
MSCP002	Application of the CFD approach for cleaning an oil well	Fedia Bekiri, Hanane Rahali, Khadidja Bouzid, Wahida Kherifi, Abdelkarim Mellah,	Scientific and Technical Center Research on Arid Regions, University of Biskra
MSCP003	Molecular docking, simulation against SARS-COV-2, theoretical study (DFT) and superoxide anion scavenging by cyclic voltammetry of 2-hydroxyphenyl iminonaphthalen-2-ol	Noudjoud HOUAS, Siham KITOUNI, Samira GHEDJATI, Meriem DJENANE, Assia TOUNSI	Laboratory of Electrochemistry of Molecular and Complex Materials (LEMMC), Department of Process Engineering, Faculty of Technology, Université Ferhat Abbas, 19000, Sétif 1,(Algeria).
MSCP004	Synthesis, structural and morphological of NBT ceramics for piezoelectric applications	RAHAL RAHIMA, ABBA MALIKA, and NECIRA ZELIKHA	
MSCP007	First-principles study of ferromagnetic Half-metallic Electronic structural and elastic properties Electronic, structural and elastic propertiesCs ₂ CrGe	Mohammed KESSAS, Aissa GUESMIA, Samira CHERID, Saadiya BENATMANE, Rachida BENTATA, Zineb FARES, and BENTATA Samir	Laboratory of Technology and Solid's Properties, Faculty of Sciences and Technology, BP227, Abdelhamid Ibn Badis University, Mostaganem 27000, Algeria
MSCP008	Hole transport materials effect on perovskite based solar cells	Widad LAIADI, Afak MEFTAHA, Chaker LAIADI	Laboratory of Metallic and Semiconducting Materials (LMSM), University de Biskra, Algeria.
MSCP009	Electron transport materials effect on perovskite solar cells	Widad LAIADI, Chaker LAIADI, Afak MEFTAHA	Laboratory of Metallic and Semiconducting Materials (LMSM), University de Biskra, Algeria.
MSCP011	DFT and TD-DFT studies of chemical reactivity and physicochemical properties of some bioactive molecules	LAIB Souhila, and BOUSSEBBAT Wahiba	Département de Socle Commun, Faculté des Sciences de la Nature et de la Vie, Université de Batna-2, Batna, Algérie
MSCP012	Extraction of potato starch	Belahcene samira	university eloued
MSCP013	Molecular Modeling of Enzyme-Substrate Interactions: The Case of Monoamine Oxidase B Inhibitors	Kherachi rania, Daoud Ismail, Melkemi Nadjib, Fouzia Mesli	1-University Mohamed kheider, Faculty of Sciences, Department of Chemistry- Biskra, 07000-Algeria
MSCP015	Inhibition of monamino oxidase by benzofurane Derivatives	W.Soufi, F. BOUKLI Hacene and S.Ghalem	Mascara University-AIGERIA
MSCP016	In silico design of novel Enoyl ACP reductase inhibitors against Mycobacterium tuberculosis	LAOUD Aicha, FERKOUS Fouad	/
MSCP018	Effect of Hydrogen Bonding and Van der Waals Interactions on The Stability of CH ₄ -CO ₂ Hydrates: A Density Functional Theory Study	Abdelmalik Seddiki, Fouad Lebsir	Department of chemistry, Faculty of exact and applied sciences, University Oran1 Ahmed Ben Bella
MSCP019	The effect of co-doping with native defects points on electronic properties of ZnO	Kheira Said, Zahra Souadia, Rachid Baghdad	Synthesis and Catalysis Laboratory, Matter Sciences, Faculty of Ibn Khaldoun University, Tيارت, Algeria.
MSCP020	Theoretical study of structural , optical and elastic properties of AgAlTe ₂ alloys	HANENE BENDJEDDOU, H.MERADJI, GHEMID	Laboratoire LPS, Département de Physique, Faculté des Sciences, Université Badji Mokhtar, Annaba, BP12Annaba 23000, Algeria
MSCP021	In Silico Study of Alpha glucosidase Inhibitors by flavonoids	Faiza Boukli Hacene, Wassila Soufi , Said Ghalem	Laboratory of Natural Products and Bio actives-LASNABIO, University of Tlemcen, AIGERIA
MSCP022	QSAR MODELING OF SOME OXINDOL DERIVATIVES AS ANTI-DIABETIC AGENTS	Abderahmane Belafriekh, Aicha Laoud	Chemistry Department, Faculty of Sciences, Saad Dahleb-Blida1 University, Route Soumaa, 09101 Blida, Algeria
MSCP023	Theoretical study of structural stability, elastic, electronic and thermodynamic properties of quaternary Heusler compounds by ab initio calculations	Saadiya BENATMANE, Samira CHERID, Mohammed KESSAS, Zineb FARES and Rachida BENTATA	Laboratoire de Modelisation et Simulation en Sciences des Matériaux, Djillali Liabes de Sidi Bel-Abbes University, Sidi Bel-Abbes 22000,

			Algeria
MSCP024	Modeling of Ga2O3/Cu2O heterojunction solar cell	Khadidja Naceur, Toufik Tibermacine, Rami Boumaraf	Laboratory of semiconducting and metallic materials (LMSM), University of Mohammed Khider BP 145, Biskra 07000, Algeria
MSCP025	Electronic and structural properties of Full-Heusler alloys N2BaSr	Zineb FARES, Samira CHERID, Saadiya BENATMANE, Mohammed KESSAS, Rachida BENTATA, And TERKHI Sabria	Laboratory of Technology and Solid's Properties, Faculty of Sciences and Technology, BP227, Abdelhamid Ibn Badis University, Mostaganem 27000, Algeria
MSCP026	Structural, electronic , elastic and magnetic properties of Full-Heusler alloys Pd2PrCl	Samira CHERID, Rachida BENTATA, Saadiya BENATMANE, Zineb FARES BENTATA Samir and Mohammed KESSAS	Laboratory of Technology and Solid's Properties, Faculty of Sciences and Technology, BP227, Abdelhamid Ibn Badis University, Mostaganem 27000, Algeria
MSCP027	New d0 half-Heusler compounds for spintronics and thermoelectricity	Rachida BENTATA, Samira CHERID, Saadiya BENATMANE, Zineb FARES BENTATA Samir and Mohammed KESSAS	Laboratory of Technology and Solid's Properties, Faculty of Sciences and Technology, BP227, Abdelhamid Ibn Badis University, Mostaganem 27000, Algeria
MSCP028	Magnetic and Optoelectronic Properties of Sr2CrXO6 (X= La and Y)	Slimane Haid, Samira CHERID, Rachida BENTATA, Zineb FARES, Mohammed KESSAS, and BENTATA Samir	Laboratory of Technology and Solid's Properties, Faculty of Sciences and Technology, BP227, Abdelhamid Ibn Badis University, Mostaganem 27000, Algeria
MSCP030	Structural, electronic, optical and thermodynamic investigations of NaXF3(X =Ca and Sr): First-principles calculations	Mohamed El Habib Benkabou, Mohammed KESSAS, M.Harmel A.Haddou, A.Yakoubi, N.Baki, R.Ahmed, Y.Al-Douri, S.V.Syrotyuk, H.Khachai, R.Khenata, C.H.Voon, Mohd RafieJohan	Laboratoire d'étude des Matériaux & Instrumentations Optiques, Physics Department, Djillali Liabès University of Sidi Bel-Abbès, Sidi Bel-Abbès 22000, Algeria
MSCP031	Investigation of Optoelectronic and Elastic properties of Halide perovskites RbGeX3 compounds	MESBAH Smain, HOUARI Mohammed, LANTRI Tayeb, MATOUGUI Mohamed and BENTATA Samir	Laboratory Physico-chemistry of Advanced Materials, University of Djillali Liabes, Sidi-Bel-Abbes, Algeria.
MSCP032	A new Semiconducting half-Heusler compounds MnScZ (Z = As, Sb): with half-metallicity behavior	HOUARI Mohammed, MESBAH Smain, LANTRI Tayeb, MATOUGUI Mohamed, BOUADJEMI Bouabdellah, and BENTATA Samir	Laboratory of Technology and of Solids Properties, University of Mostaganem.
MSCP033	Study of the structural and optical properties of Magnus-type complexes. Theoretical approach based on the DFT	Rabie Djouama, Hanane Djouama, Boumédienne Bounaceur	Macromolecular Physical Chemistry Laboratory, University of Oran1
MSCP034	Structural, UV/Vis, Excited State and Evaluation of tetrakis(isocyno)rhodium(II) complexes	Hanane Djouama, Rabie Djouama, Ahamed Boutarfaia	Applied Chemistry Laboratory, Faculty of Sciences, Chemistry Department, University of Mohamed Khider, Biskra, Algeria.
MSCP035	Using perceptron feed-forward Artificial Neural Network (ANN) for predicting the thermal conductivity of (Al2O3/Water) Nanofluid	GRINE Wassila, SAHRAOUI Abderrahmane, BENHAMZA M E Hocine	Laboratory of Industrial Analysis and Materials Engineering, University 8 May 1945, Guelma, 24000, Algeria,
MSCP037	Construction and computational of asphalt molecular model: Density Functional Theory study	Bouchra ELHADJ DAOUADJI	à coté de clinique Nekkache city Usto, Oran
MSCP038	Conception of new organophosphonates compound , DFT study and biological evaluation	BOUCHAMA Anis, HELLAL Abdelkader, MADANI Abdelghani	Laboratory of Electrochemistry of Molecular Materials and Complexes (LEMMC). Process Engineering Department, Faculty of Technology, University Ferhat Abbas Sétif-1 Algeria .
MSCP039	In silico drug discovery of PfDHFR enzyme inhibitors based on Quantitative Structure-Activity Relationship (QSAR) and drug-likeness evaluation	Nedjla Khelfa, Salah Belaidi, Fatima Soualmia, Samir Chitita	Group of Computational and pharmaceutical Chemistry, LMCE Laboratory, Department of chemistry, Faculty of sciences, University of Biskra, 07000, Biskra, Algeria.
MSCP040	DFT based chemical reactivity and QSAR studies of 1,2,4,5-tetrazine derivatives as potential lung cancer inhibitors	Halima Hazhazi, NadjibMelkemi	Group of computational and Pharmaceutical Chemistry, Laboratory of Molecular Chemistry and Environment (LMCE), University of Biskra, 07000, Biskra, Algeria
MSCP041	Numerical Simulation Of Date Palm Rachis Pyrolysis For Biofuels Production	Ikhlass Benamara, Sofiane Amara	Materials and Renewable Energy Research Unit (URMER), University of Tlemcen , BP 119 Tlemcen, ALGERIA
MSCP042	Theoretical investigations of the electronic, magnetic, mechanical and thermoelectric of a new half -metallic CO2ZrSn compound: A DFT study.	Ali Zitouni, Gherici Remil, Aissa Guesmia, Samira Cherid, Mohamed Matougui	Laboratory of Technology and of Solids Properties, Faculty of Sciences and Technology, BP227 Abdelhamid Ibn Badis University, 27000 Mostaganem, Algeria.
MSCP059	Parametric Study and Performance Analysis of a Shower Cooling Tower for the Biskra Region in Summer Season	Mohamed-Abdelbassit Kheireddine, Adel Benchabane, Amar Rouag	Université de Biskra, Laboratoire de Génie Energétique et Matériaux, LGEM, 145Biskra 0700, Algeria
CSC047	Density functional theory and molecular dynamic simulation studies on the corrosion inhibitor of plant extract from Nigella sativa on mild steel and aluminum metal	Kamel Berrezag, Kamilia Moussaoui, Badreddine Maalem , Sihem Abderrahmane	Laboratoire d'Ingénierie des Surfaces Université Badji-Mokhtar Annaba
CSC059	Nigella Sativa Cake inhibitor effect on stainless steel in 1M HCl by weight loss method	MAALEM Badreddine, ABDERRAHMANE Sihem, ATHMANI Sameh, YOUNI Asma, MOUSSAOUI Kamilia, MESSAST Sarah and DEHMCHI Farouk	Surface Engineering Laboratory (L.I.S); Chemistry department; Sciences faculty; BADJI Mokhtar -Annaba University.
CSC061	The devitrification behavior of antimonates glasses by the non-isothermal method	Baya Melik, Malika Nouadji ,Fayçal Goumeidane, Mostapha Iezid, Messaoud Legouera, Marcel Poulain	Laboratory Physics of Thin Films and Applications Laboratory, University of Biskra, BP 145 RP, 07000 Biskra, Algeria.
PE020	Study of the precipitation and the evolution of the structure and the mechanical properties in the aluminum (AGS) alloy drawn wires	M. Bayarassou, M. Zidani, A. Ourabi, M. Meysoune	Laboratoire de Génie Energétique et Matériaux (LGEM), Université de Biskra
WT062	The effect of concentration of chromium nitrate on the structural, morphological and optical properties of Cr2O3 thin films elaborated by pneumatic spray	Saadi Boutheina, Saâd Rahmane	Laboratoire de Physique des couches minces et applications, Université de Biskra, BP 145 RP, 07000 Biskra, Algérie

Plenary Session 2:

Chairs: Pr. Barkat Djamel & Pr. Ben Temam Hachemi

11^h15 – 12^h00 Keynote 2

12^h00 – 14^h00

Lunch

14^h00 – 15^h00

Oral session 1 / 03 Parallel Rooms

Room 1:

Chairs: Pr. Zidani Mosbah & Dr. Touba Mohammed Mostefa

Time	ID	Title	Authors	Affiliation
14 ^h 00 – 14 ^h 15	MSCP058	QMOM application to predict the asphaltene aggregation	Abdelmalek Hasseine, Khaled Athmani, Azeddine Kabouche, Djemoui Laiadhi, Loubna Amraoui	Laboratory LAR-GHYDE, University of Biskra, BP 145 RP, Biskra 07000, Algeria Department of Process Engineering, University of Larbi Ben M'Hidi, Oum El Bouaghi, Algeria.
14 ^h 15 – 14 ^h 30	MSCP001	Study of Catalytic Properties of Bimetallic Surfaces for Methane Activation"	Somia Benchikh, Mohamed Fahim Haroun	Laboratoire de Physique Quantique et Systèmes Dynamiques, Chemistry Department, Sciences Faculty, Ferhat ABBAS Setif-1 University, 19000 Setif, Algeria
14 ^h 30 – 14 ^h 45	MSCP005	Experimental study and simulation of stable phase β (mg2si) evolution during artificial aging of aluminum alloy AA6005.	Badi Ridha, Bensaada Said, Ramdhane Kouba and Reddah Takieddine	Research center in Industrial Technologies CRTI, P.O. BOX 64, 16014, Cheraga, Algiers, Algeria
14 ^h 45 – 15 ^h 00	MSCP006	Modeling of Fenton-like process on the removal of petroleum hydrocarbons soil using experimental design	Hadjer OURIACHE, Karima SEFFAH, Imane LAKEHAL, Imane MOUMED, Jazia ARRAR, Abdelkader NAMANE	Département de génie de l'Environnement, Ecole Nationale Polytechnique Laboratoire des Sciences et Techniques de l'Environnement (LSTE), Ecole Nationale Polytechnique, Avenue Hassen Badi, BP 182 El Harrach, 16110, Algiers, Algeria

Room 2:

Chairs: Pr. Barkat Djamel & Pr. Ben Temam Hachemi

Time	ID	Title	Authors	Affiliation
14 ^h 00 – 14 ^h 15	WT036	Nitric Acid – Metals Waste Waters From A Brass Pickling Used Bath: Separation, Purification and Recycling by an Hybrid Process Diffusion Dialysis – Selective Physico - Chemical Methods	Meddour Hanane, Afaf LALMI and Chahrazad AMRANE	Laboratory of Chemistry & Environmental Chemistry LCCE, Team: Water Chemistry, Environment & Desalination, Faculty of Sciences, University Hadj Lakhdar Batna 05000 Batna Algeria
14 ^h 15 – 14 ^h 30	WT037	Urban wastewater depollution trial in the city of Biskra using filters planted with Phragmites australis	Belhadj Khoulood, Mimech Leila, Hecini Lynda	University of Biskra, Bp 145 RP, 07000 Biskra, Algeria
14 ^h 30 – 14 ^h 45	WT038	PHYSICO-CHEMICAL, MINERAL ANALYSES AND HEAVY METALS CONTENT OF TAFADK ONSEN, TCHIROZERINE, AGADEZ, NIGER REPUBLIC	Salihu Abdullahi Kiyawa, Fatima Lawan Musa and Maryam Sani Gambo	Department of Chemistry, Yusuf Maitama Sule University, PMB 3021, Kano, Kano – Nigeria
14 ^h 45 – 15 ^h 00	WT044	Study of dye dynamic adsorption onto physico-chemical modified sludge of Adrar's refinery	Omar Khelifi, Hamza Laksaci, Abbas Benabdelkabar, Mouna Nacef, Mohamed Lyamine Chelaghmia, Abed Mohamed Affoune	Department of hydrocarbons and renewable energies, University of Ahmed Draia Adrar, Algeria.

Room 3:

Chairs: Pr. Faycal Djani & Pr. Merzougui ABDELKRIM

Time	ID	Title	Authors	Affiliation
14 ^h 00 – 14 ^h 15	SP001	Characterization of Bottom Ash as an Adsorbent of Sudan Black B Dye from Aqueous Solutions	Ouadjenia Fatima, Amer Nawel, Rached Sofine, Marouf reda	Department of Process Engineering, Faculty of Sciences and Technology, Mustapha Stambouli University of Mascara, Po Box 305 Mamounia road Mascara 29000, Algeria
14 ^h 15 – 14 ^h 30	SP006	The impact of agitation on the cyclohexane-based extraction of petroleum from storage tank sludges	Amraoui Loubna, Hasseine Abdelmalek, Laiadi Djemoui, Bouzid khadidja	Laboratory LARGHYDE, university of Biskra, Algeria.
14 ^h 30 – 14 ^h 45	PE005	Optimization of the S.A.W welding parameters of the weld seams of low alloy steel gas tanks with a low percentage of carbon	Mourad AOURAGH, Lakhemissi TOUAM, Belhi GUERIRA and Semcheddine DERFOUF	Department of Mechanical Engineering, Laboratory of Mechanical Engineering, University of Biskra, Algeria.
14 ^h 45 – 15 ^h 00	PE013	Synthesis, structural, characterization of perovskite LaCr _{1-x} Ni _x O ₃ (0 ≤ x ≤ 0, 3)	Madoui Nadia, Bezzoui Nadjet, Cherroune Hayette, Mahmoud Omari	Laboratory of Molecular Chemistry and Environment, University of Biskra B.P 145 07000

15^h00 – 15^h30

Coffee Break & Poster Session 2

Poster Session 2:

ID	Title	Authors	Affiliation
PE001	Selective Extraction of leached Metals (zinc, iron, copper) by Salicylideneaniline HSA	ELBAR D., BARKET D., REKISS A.	Center for Scientific and Technical Research for Arid Regions Omar El-Bernaoui Biskra (CRSTRA) Algeria.
PE002	Preparation and characterization of ceramic composite powders by sol-gel method	Ahcen Keziz, Meand Heraiz , Foduil Sahnoune	1Department of Physics, /Physics and Chemistry of Materials Laboratory University of M'sila, , Algeria
PE003	Simultaneous recovery of both nickel(II) and cobalt(II) from sulphate medium with capric acid	A.Slimani	Department of industrial chemistry, Faculty of Science and Technology, University of Biskra, Algeria.
PE004	First principales study of electronic and magneticproperties of halfHeusleralloysCrNiZ (Z = Al, Si and As)	Aissa GUESMIA, Mohammed KESSAS, Ali ZITOUNI	Laboratory of Technology and Solid'sProperties, Faculty of Sciences and Technology, BP227, Abdelhamid Ibn BadisUniversity, Mostaganem 27000, Algeria
PE006	Study of the liquid-vapor equilibrium using Of Aspen-Hysys	Mohamed islam Makhloufi, Abdelkrim Merzougui	Laboratoire Génie civil et Hydraulique, développement durable et environnement
PE007	Characterization studies of dissimilar friction stir welded aluminum /steel joints	Helal Yazid	Department of drilling and oil fields mechanical, University of Ouargla, Ouargla, Algeria.
PE008	Phase stability of SrAlGe compound with AIB2-like structure: first principle reinvestigation	Mokhtar Djelloul, Hichem Boudierba	Laboratoire de physique des matériaux, Amar Teliidji University of Laghouat, BP 37G, Laghouat, 03000, Algeria
PE009	Crystallization kinetics of mullite formation from kaolin-natural phosphate mixture under non-isothermal conditions	Fateh CHOUIA, Yousf Islem BOUREZG, Hocine BELHOUCHE	Laboratory of Thin Film Physics and Applications, University of Biskra, BP 145 RP, 07000 Biskra, Algeria
PE010	Green synthesis of Zinc oxide nanoparticles (ZnO NPs) and their biological activity	Maroua Derki, Soukaina Tidjani	Faculty of Exact Sciences, Laboratory of Valorization and Technology of Resource Saharian (VTRS), Department of Chemistry University of Echahid Hamma Lakhdar, 39000, El Oued, Algeria.
PE011	Recalculating the characteristic points on the binary metal systems' liquid miscibility gap curve	Amel Naceur, Fouzia Adjadj	Faculty of Material Sciences, Batna University, Algeria
PE012	Performance Analysis of Br-Doped In2O3 Thin Films using ultrasonic spray	Bourhefir Ranida, Attaf Abdellah, Saidi Hanane Okba Ben khetta, and Nadjette Hamani	Physic of thin films and applications laboratory, Mohamed Kheider University, BP 145 RP, 07000 Biskra, Algeria
PE015	Study the effect of thickness on the structural and optical properties of tin oxide	Meddas Hanane, Lakel Abdelghani	Material Sciences Department Faculty of Science Universities Biskra, Algeria
PE016	Structural and Electrical Properties of NiO Thin Films Prepared by Spray Pyrolysis Technique	Saliha Bouaicha, Okba Belahssen	Department of Material sciences/ Faculty of Exact Sciences and Science of Nature and Life, University of Mohamed Khider , Biskra, Algeria.
PE018	Effects of sintering behavior on microstructure and piezoelectric properties of porous PZT ceramics	Abdelhek Meklidel ^{1,*} , Ahlam Ksourri ¹	Chemistry Laboratory, Mohamed Kheider University of Biskra BP145 (07000), Algeria
PE019	Morphological characterization of porous hydroxyapatite synthesized then subjected to surface modification	Oum keltoum Kribaa, Guerfi Ziad, Nour El houda Ghamri, Souha Latif, Friaie Saifi	Material science department, Applied Chemistry Laboratory, Mohamed Khider Biskra University
PE021	Structural, Morphological and Optical characterization of Different oxides Doped ZnO Nanopowders Synthesized via the Sol-Gel Method	Latif Aya, Arab Louiza, Amri Abdelhak	Department of Sciences Material, University of Mohamed Khider - Biskra
CRCP001	Effect of alkaline treatment on the mechanical proprieties of new building construction material	Houssam Eddine BENCHOUA, Belhi GUERIRA, Mourad CHIKHI, Hamida BOUSSEHEL, Cristina TEDESCHI	Laboratoire de Génie Mécanique (LGM), Université de Biskra, BP 145, Biskra 07000, Algeria.
CRCP002	Preparation and characterization of composite materials: Low-density polyethylene (LDPE) /Redwood fibers	Lina Alloui, Achouak Achour, Hamida Boussehel, Belhi Guerira	Laboratory of Mechanical Engineering (LGM), UniversityMohamed Khiderof Biskra, BP145, 07000 Biskra,Algeria.
CRCP004	Chemical compositions and structures of hybrid perovskite based photodetectors	Nafissa ZERGUINE, Widad LAIADI, Afak MEFTAHA, Chaker LAIADI	Laboratory of Metallic and Semiconducting Materials (LMSM), University of Biskra, Algeria.
CRCP006	Silicon carbide electrode for photo electrochemical conversion of carbon dioxide	S. Anas Boussaa, K. Benfadel, L. Talbi, A. Boukezzata, Y. Ouadah, D. Allam, A. Keffous, C. Torki, F. Boudeffar, S. Achacha, A. Manseri, N. Zaourar Boutarek, S. Kaci	Research Center On Semiconductor Technology for Energetic, CMSI-CRTSE, 2 BD Frantz Fanon, 7 merveilles, POB 140, Algiers, Algeria
CRCP007	Synthesis And Evaluation Of Biological Activity Of Substituted Imidazole-Thiadiazole Derivatives	Chaima Adaika	El Oued
CRCP008	Chemical Composition ,Screening of Phytoconstituents and FT-IR-analysis of Helianthemum Lippi L. growing in southern Algerie	Fouhma Abir, Tamma Noureddine, Rebiai Abdelkrim	Laboratoire de Chimie Appliquée et Environnement
CRCP009	PLASTICIZING EFFECTS OF ACETYLT TRIBUTYL CITRATE (ATBC) AS BIOBASED PLASTICIZER ON THE THERMAL PROPERTIES OF PVC/PMMA BLENDS	Aouachria Kamira	Laboratory of Multiphase Polymeric Materials (LMPMP), Faculty of Technolgt, Ferhat ABBAS University of Setifl, Algeria
CRCP010	Study Properties of composite materials based on dates flour	F. Baira, M.Zidani	Deptartement De Sciences et techniques, Université de Batna 2, 53, Route de Constantine. Fésdis, Batna 05078, Algérie,
CRCP011	Synthesis of novel pyrrolo benzodiazepines derivatives	Rabia YOUNBAI, Ichrak BOUGUESSA, Nawal KHEIR, Mohamed DEHAMCHIA	Laboratoire de chimie appliquée et environnement, Département de Chimie, Université Hamma Lakhdar – Eloued 39000, Algérie.
CRCP013	Synthesis and TCP tricalcium phosphate characterisation	Ghamri Nourelhouda, Kribaa Oum Keltoum, Djouamaa Hanane,	LCA: Laboratory for Applied Chemistry
CRCP014	Study of the transesterification reaction of waste cooking oil in the presence of a heterogeneous catalyst	B. dendouga, A.Sakri, C.bouremel, A. Boutarfaia	Laboratory of Applied Chemistry (LCA), University of biskra (7000) -Algeria

CRCP017	Ni-doped NdFeO ₃ perovskites as electrocatalysts, for the oxygen evolution reaction in alkaline media	Yahia Kherief, Sofiane Makhloufi, Mahmoud Omari	Laboratory of molecular chemistry and environment, University of Biskra, Biskra, Algeria
MSCP043	A Computational investigation of the structure and reactivity of curcumin and its complex	Kaouther Baira, Nadia Ouddai	Laboratoire de Chimie des Matériaux et des Vivants : Activité & Réactivité (LCMVAR), Université Batna1, 5000 Batna, Algeria.
MSCP044	Structural, electronic and optical properties investigations of the cubic Ga _{1-x} Al _x As _{1-y} Py quaternary alloy; from ab-initio method	Moussa Rabah, Abdiche Ahmed, Khenata Rabah	Physico-chemistry of Materials and Environment Laboratory, Ziane Achour University of Djelfa, BP 3117, Algeria.
MSCP045	STUDY OF THE PHYSICO-CHEMICAL PROPERTIES OF THE COMPOUND INDOLIN-2-ONE AND ITS DERIVATIVES BY MEANS OF MOLECULAR MODELING	Nour Elhouda Derki, Aicha Kerassa, Maroua Derki	Faculty of Exact Sciences, Laboratory of Valorization and Technology of Resource Saharian (VTRS), Department of Chemistry University of Echahid Hamma Lakhdar, 39000, El Oued, Algeria.
MSCP046	Enhancement of the Plunger Speed Parameters into the Shot Sleeves of a High-Pressure Die Casting Machine	Kheireddine Arrif, Rodouane Laouar	Mechanical Engineering Department, Badji Mokhtar University, PO Box 12, 23000, Annaba, Algeria
MSCP047	Molecular docking study of curcumin derivatives for rational design of novel c-Met inhibitors as anticancer agents	Narimene Chahbaoui, Saida Khamouli	Laboratory of Molecular Chemistry and Environment, University of Mohamed Khider, Biskra, Algeria
MSCP048	Semi-analytical solution of two-component aggregation population balance equation by A domain decomposition method	Khaled Athmani, Abdelmalek Hasseine	Laboratory LAR-GHYDE, University of Biskra, Algeria
MSCP050	Performances study of eco-friendly mixtures used as working fluid in two refrigeration cycle	Lahcen Mchouchi, Youcef Tamene, Hakim Madani	Laboratory of Studies of Industrial Energy Systems (LESEI), Department of Mechanical Engineering, Faculty of Technology, University of Batna 2, 05000 Batna, Algeria
MSCP051	A 3D numerical investigation of the effect of thermoconvective instability on mixed convection water flow in a rectangular channel.	Aymen Benbeghila, Riadh Ouzani, Ammar Benderradji	Laboratory of Studies of Industrial Energy Systems (LESEI), Department of Mechanical Engineering, Faculty of Technology, University of Batna 2, 05000 Batna, Algeria.
MSCP052	Physical-chemical Study of Hydroxyapatite with modeling Computational Chemistry Calculation	Ziad Guerfi, Oum keltoum Kribaa, Hanane Djouama	"LCA" Applied Chemistry Laboratory, Science of the matter, Mohamed Khider Biskra University
MSCP053	Device simulation of inverted perovskite solar cell with NiO as hole transport layer and SnO ₂ /TiO ₂ as electron transport layer	Sara Barkat, Afak Mefteh	Laboratory of Semiconducting and Metallic Materials (LMSM), University of Mohamed Khider Biskra, Algeria
MSCP054	Understanding electron density imbalance in energetic materials through molecular electrostatic potential	Nassima Bachir, Samir Kenouche	Group of Modeling of chemical systems using Quantum Calculations. Applied Chemistry Laboratory (LCA). University M. Khider of Biskra, 07000 Biskra, Algeria
MSCP055	Preparation of polyvinyl alcohol fiber by solution redox polymerization	Farouk Dehmchi, Abdallah Hamel, Abderrahmane Sihem, Badreddine Maalem and AsmaYoubi	Surface Engineering Laboratory (LIS), Faculty of Sciences, Badji Mokhtar-Annaba University, Annaba, Algeria
MSCP056	Describing the Flocculation of PCC Particles Using Population Balance Modelling: A fixed pivot technique	S. Seghir, A. Hasseine, M.G. Rasteiro	Laboratory of Civil Engineering, Hydraulic, Sustainable Development and Environmental, University of Biskra, Biskra, Algeria
WT061	A simple method for fabricating BMTT photocatalyst and its photocatalytic activity	L. Smaili, H. Menasra, C. Benbrika	Laboratory of Applied Chemistry, University of Biskra, Biskra, Algeria
CSC050	Elaboration and Characterization of composite anticorrosion deposits	Saida Leboukh, Mustapha Djama, Ahmed Haddad	Research Center in Industrial Technologies CRTI, Algiers, Algeria. Division of Corrosion, protection and durability of des materials
CSC053	Effect of Cu doping on Co ₃ O ₄ thin films prepared by pneumatic spray Technique	Sabah haffas, Belhamra najette	Laboratoire de Physique des Couches Minces et Applications, Université de Biskra, BP 145 RP, 07000 Biskra, Algérie.
CSC008	Evaluation of the effectiveness of an ecological corrosion inhibitor for steel pipelines in a sulfuric acid environment	Slimane Kherief, Mounir Djellab, Hamza Bentrach, Abdelouahad Chala, Bouzid Bouamra, Amir eddine Kabouia	Laboratory of Physics of Thin Films and Applications, University of Biskra, Biskra, Algeria.
CSC063	Effect of Indium Doping on Physical Properties of Co ₃ O ₄ thin films prepared by pneumatic spray method	Zahia Bencharef, Abdelouahad Chala, Radhia Messemehche, Youcef Benkhetta, Nadjette Belhamra	Physic Laboratory of Thin Films and Applications (LPCMA), University of Biskra, 07000, Algeria

15^h30 – 16^h30Oral session 2 / 03 Parallel
Rooms**Room 1:****Chairs: Pr. Fadel Ammar & Dr. Menasra Hayet**

Time	ID	Title	Authors	Affiliation
15 ^h 30 – 15 ^h 45	WT047	Fluorescence Properties of Fluorescein Dye Intercalated in Zr-Pillared Montmorillonite Clay	Belbel Abdeldjabbar, Kharroubi Mohamed, Dardour Maamar, Ahmed Souadiah	Department of Chemistry, Ziane Achour University of Djelfa, BP 3117, Algeria
15 ^h 45 – 16 ^h 00	WT052	Preparation of MgAl-LDH@biochar composite for the effective recovery of phosphorus from water media	Kara Racha, Nouredine Rouahna, Dhirar Ben Salem, Hecini Lynda, Fouzia Touhra, Abdelkader Ouakouak	Research Laboratory in Subterranean and Surface Hydraulics, University of Biskra, PO Box 145, Biskra, 07000, Algeria. 39000, Algeria.
16 ^h 00 – 16 ^h 15	WT055	Study of nickel (II) elimination onto modified Corallina Elongata alga	Bouchair Abdennour, Sayoud Nassim	Laboratoire de l'Interaction des Matériaux et de l'Environnement, Université de Jijel
16 ^h 15 – 16 ^h 30	WT058	Fenton oxidation efficacy for the elimination of a pharmaceutical (metronidazole) from aqueous solution.	Fadoua Nihad Chergui, Samira Ounoki, Samia Achour	Research Laboratory Underground and surface hydraulic –LARHYSS, Civil Engineering and Hydraulic Department, faculty of sciences and technology, M. K. University of Biskra, POB 145 RP, 07000, Algeria

Room 2:**Chairs: Pr. Zidani Mosbah & Pr. Toubia Mohammed Mostefa**

Time	ID	Title	Authors	Affiliation
15 ^h 30 – 15 ^h 45	CSC040	Microstructure, texture and corrosion behaviours of Al2024 alloy deformed by cold rolling processing	Yousf Islem Bourezg, Fateh Chouia, Abdelkader Hanna, Hiba Azzeddine	Faculty of Physics, USTHB, BP 32 El Alia, 16111, Algiers, Algeria
15 ^h 45 – 16 ^h 00	CSC049	Experimental study of a phosphate-zinc coating of carbon steel intended for industrial drawing	MERIE M Meyssoune, ZIDANI Mosbah, BOUTEFNOUCHET Hafida, ZEILLOUCHE Aicha, ABID Tahar, MECHACHTI Said	ENSMM, Laboratory Mines, Metallurgy and Materials (L3M), Annaba- Algeria.
16 ^h 00 – 16 ^h 15	CSC052	Substrate Temperature Effect on Properties of CuO Thin Films by Spray Pyrolysis	Ouarda Ben messaoud, Abdelouahab Ouahab, Saad Rahmane	Physics of thin films and applications laboratory, Mohamed Kheider University, BP 145 RP, 07000 Biskra, Algeria
16 ^h 15 – 16 ^h 30	CSC058	Inhibitor effect of Plectranthus amboinicus leaves extract and biosynthesis NPs ZnO against A9M steel Corrosion in 1M HCl by gravimetric method	ABDERRAHMANE Sihem, MESSAST Sarah, and BOUASLA Nabila	Surface Engineering Laboratory (L.I.S); Chemistry department; Sciences faculty; BADJI Mokhtar -Annaba University Algeria

Room 3:**Chairs: Pr. Hassen Abdelmalek & Pr. Madani Hakim**

Time	ID	Title	Authors	Affiliation
15 ^h 30 – 15 ^h 45	CRCP003	The impact of chemical treatment on the mechanical properties of construction materials based on date palm waste.	GHELANI Laala, Mohamed Aymen KETHIRI, Salah Elddine TAOUAI, Ayache TOUMI, Belhi GUERIRA, Nouredine BELGHAR.	Mechanical Engineering Department, University Abbes Laghrour Khenchela, Algeria.
15 ^h 45 – 16 ^h 00	CRCP005	Extraction and recovery of silver from waste mono crystalline silicon cells	Sabiha Anas Boussaa, Abdallah TradKhadja, Messaouda Ayachi, Fatima Boudeffar, RabiaRahmoune, Abderrahmane Naas, Bilal Merazka	Research Center On Semiconductor Technology for Energetic, CMSI-CRTSE, 2 BD Frantz Fanon, 7 merveilles, POB 140, Algiers, Algeria
16 ^h 00 – 16 ^h 15	CRCP012	Synthesis, NMR, XRD, and spectroscopic studies of poly (glycolide-co- ϵ -caprolactone) for improving the drug release effect	Asma Ziane, Gueutra Kaddour	Physical and Organic Macromolecular Chemistry Laboratory (LCOPM), Faculty of Exact Sciences, University of Djillali Liabes, BP 089, Sidi Bel Abbes, Algeria
16 ^h 15 – 16 ^h 30	CRCP016	Chemical synthesis of high temperature superconductor YBCO	Daha Rania, Bouloudenine Manel, Khiat Abdelmadjid	École Nationale Supérieure des Mines et de la Métallurgie (ENSMM)-Amar Laskri, L3M, Ex CEFOC, Chainz, B.P: 233-RP.23000 Annaba, Algérie.

Plenary Session 3:

Chairs: Pr. Hassein Abdelmalek & Pr. Madani Hakim

08^h30 – 09^h15 | Keynote 3

Plenary Session 4:

Chairs: Pr. Hassein Abdelmalek & Pr. Madani Hakim

09^h15 – 10^h00 | **Keynote 4: Pr. ZIDANI Mosbah, (Laboratoire de Génie Énergétique et Matériaux (LGEM), U. Biskra, Faculté de Technologie, Université de Batna 2.**
Title: Correlation of morphological structure and crystallographic texture by EBSD: Expertise of industrial metals

10^h00 – 11^h00 | Coffee Break & Poster Session 3

Poster Session 3:

ID	Title	Authors	Affiliation
WT001	Kinetic, isothermal and thermodynamic studies of the adsorption of methylene blue dye on a natural product and industrial adsorbents	AIDI Amel, CHAIEB Hadjer	Laboratoire Génie civil et Hydraulique, développement durable et environnement, University of Biskra
WT003	Development and characterization of diatomite by ferrihydrite	BELMEHDI NADJIA, MOHAMMED HADJEL	Laboratory of Sciences Technology and Process Engineering LSTGP, Faculty of Chemistry, Department of Chemistry, University of Sciences and the Technology of Oran Mohamed Boudiaf USTO-MB, BP 1505 El M'naouer Bir El Djir 31016 Oran, Algeria
WT004	Preparation of an activated carbon based on natural waste: application to the adsorption of organic pollutants from wastewater	Boumessaidia Selman, Bensalem Fella, Houti Iman, Mohammedi Ouerida	Faculty of Science, Saad Dahleb University Blida, Algeria.
WT007	Adsorption of cuivre(II) and study of proprieties structural Ns.BioChar/ZnO	H.Rehali, H. Menasra, S.djebabra	Industrial chemistry Department, University of Biskra (07000), Algeria
WT008	Investigation on the possibility of removal of a cationic dye (Crystal Violet) from an aqueous solution by adsorption onto a biochar synthesized from Melia azedarach seed powder treated in two steps.	Asma Nouioua, Dhirar Ben Salem, Abdelkader Ouakouak,	Research Laboratory in Subterranean and Surface Hydraulics (LARHYSS), University of Biskra, PO Box 145 RP, Biskra, 07000, Algeria
WT009	Adsorption of crystal violet dye using dates stalks biochar: equilibrium, mechanism studies and modeling analysis	Sihem Djebabra, Hichem Fettah, Hanane Rehali	Department of Industrial Chemistry, Mohammed Khider University, Faculty of Science and Technology, Biskra, Algeria.
WT010	Model kinetics and adsorption isotherms of copper (II)	Fedia Bekiri, Hanane Rahali, Saliha Benaoune	Scientific and Technical Center Research on Arid Regions, University if Biskra
WT012	BM degradation for cobalt oxide thin-films under sun light with study of the surface morphology and the roughness at different withdrawn speeds	Mohammed Althamthami, Hachemi Ben Temam, Guettaf Temam El Hachmi, Najran Malfi, Gamil Gamal Hasan	Physics Laboratory of Thin Layers and Applications, Biskra University, BP 145 RP, Biskra 07000, Algeria
WT013	Production of activated carbons from agriculture wastes for nitrates removal	Mazen Saleh Farhan Al-Hazeeff1, Lynda Hecini, Amel Aidi	LARGHYDE Laboratory, Department of Civil Engineering and Hydraulics, Faculty of Sciences and Technology, Mohamed Khider University, BP 145 RP, 07000, Biskra, Algeria.
WT016	Separation of metals mixture (Fe, Cu, Zn and Co) using precipitation, cementation and IEX	Chahrazad AMRANE, Sabrina Tamersit and Afaf LALMI	Laboratory of Chemistry & Environmental Chemistry LCCE, Faculty of Sciences, University Hadj Lakhdar Batna 05000 Batna Algeria
WT017	Kinetic study of the fixation of an organic pollutant on a biosorbent	BRASSI Aicha, MIMANNE Gousseml, BENHABIB Karim3, ABDALLAH TOUATI Mane11, MOKDAD Hayat1, BOUSSAID Rihab1	Laboratory of materials and catalysis, Department of Chemistry, Faculty of Exact Sciences, Djillali Liabes University, Sidi Bel Abbes, Algeria
WT018	The capacity of an aquaponics system to treat of Tilapia cultivation wastewater for reuse to growing Lettuce (Lactuca sativa L.)	Sarra Benaissa, Ayoub Hadjeb	Department of agronomic sciences, University of Biskra/ Diversity of Ecosystems and Systèmes Dynamiques of Agricoles Production en Zones Arides Laboratory, Algeria
WT019	Design and development of a new sensitive part of a biosensor based on a composite biomaterial for the detection of heavy metals	Rabiaâ HELIM, Ali ZAZOUA, Hafsa KORRI YOUSOUFI	Université de JIJEL, Laboratoire d'Energétique appliqué et des Matériaux LEAM, 18000 Ouled Aissa, Algérie
WT020	Removal of copper by chemical and physical adsorption on activated carbon prepared from agricultural waste	Khadidja hamida, Hanane rehali, Menasra Hayet	Laboratory of LARGHYDE, University of Biskra, Algeria

WT021	Study of the physical and chemical properties of a biomaterial Total iron ions are absorbed in aqueous environment	Kaddouri Mebarka , Aidi Amel, Tarik Otmane	Département de Chimie Industrielle, Université de Biskra, Biskra 07000, Algérie,
WT022	Removal of methyl orange dye from aqueous solution using magnetic double walled carbon nanotube nanocomposite as adsorbent	Karima SEFFAH, Imane LAKEHAL, Hadjer OURIACHE,	Department of Material Sciences, Faculty of Sciences, University of Algiers 1, Ben youcef BENKHEDDA.
WT023	Conception d'un capteur électrochimique à base de la pectine des écorces des agrumes pour la détection du paracétamol dans les milieux aquatiques	Faiza Bouhebila	University of Jijel, 18000, Algeria
WT024	Synthesis and characterization of activated carbon from palme by chemical activation	Sabah DJABER, Reffas abdelbaki	Inorganic Materials Laboratory, Department of Chemistry, Faculty of Sciences, University Mohamed Boudiaf-M'sila, 28000, Algeria
WT025	Modelling of phosphate adsorption on activated coal from date stones	Rima Djezzar, Nora Seghairi	Laboratoire LARGHYDE, Civil and hydraulic engineering department, University of Biskra, Algeria
WT027	Synthesis and characterization of semiconductor material for degradation of organic dye via photocatalysis	Ahlem Ksouri, Fayssal Djani, Djamel eddine Mazouzi, Wissem Bouchel	Applied Chemistry Laboratory, Mohamed Kheider University of Biskra BP145 (07000), Algeria
WT028	adsorption and Removal of organic compounds from water through low-cost carbonaceous materials	Mohamed Khechai , Ammar Fadel, Abdelkader Ouakouak, Hecini Linda, Amir Djellouli	Laboratory of LARGHYDE, University of Biskra, PO Box 145, Biskra, 07000, Algeria.
WT029	Synthesis of highly sensitive molecular imprinted sensor for selective determination of heavy metals	Fafa Sarra, Zazoua ali	Applied Energy and Materials Laboratory, Process Engineering, University of Jijel, 98, Ouled Aissa 18000, Algeria
WT030	Valorisation d'un biomatériau «Spirogyra: Tahalib» pour dépollution des eaux contaminées par le cuivre par l'adsorption	Djezzar Zohra1, Aidi Amel, Rahali Hanane, Othmane Tarek	Laboratoire de chimie moléculaire et environnement, Département de Chimie Industrielle, Université de Biskra, BP 145, Biskra,
WT032	Removal of aqueous effluents by low-cost bio adsorbents	Djellouli Amir, Yamina berredjem, Hattab Zhou, khechai mohamed	Mohamed-Cherif Messaadia University - Souk Ahras
WT039	Effects of iron doping on optical properties of BIT Aurivillius	ChaimaBenbrika, Hayet Menasra, Amira Sbahi, Aya Latif, Randa Slatnia	Material Sciences, Laboratory of Applied Chemistry, University of Biskra, Algeria
WT040	Prediction of the water quality index of the station of the dam guenitra of Oued Gabli using the ANN model	FARTAS Fadhila, SEKIOU Fateh, REMINI Boualam	Département d'Hydraulique, Faculté de Technologie, Université de Bejaia, 06000 Bejaia, Algérie (Algeria)
WT041	Contribution to the purification of drinking water by activated carbon from date pits	Belmimoun Asmaa, Chikhaoui Fatima, Hantour Razika, and Bouheda Youcef	Laboratory Of Bioconversion Microbiological Engineering And Health Safety ,University of Mascara, Algeria
WT042	Assessment of Drinking Water Quality From Demineralization Station in Djamaa City, Algeria	Ammari Abdessattar, Kateb Samir	Laboratoire d'exploitation et de mise en valeur des ressources naturelles en zones arides, université de Kasdi Merbah-Ouargla, BP147 RP, 30000 Ouargla, Algérie
WT043	New material "Ag2MnO2" for wastewater treatment by photocatalytic process	A. Bahloul, H. Zouaoui, A. Meribai, A. Diafat, C. Hammouche, M. R. Ketfi, A. Sayah, N. Boumaaza, F. Habelhames, A. Rokbane	University of Mohamed El Bachir El Ibrahimi, Faculty of sciences and technology, Department of process engineering, Bordj Bou Arréridj, Algeria.
WT045	Electrochemical treatment of phenol on a SS/MnO2 thin film	Nabila Cherchour, Yasmine Ait Jaoud, Chadia Dehouche	Laboratoire d'Electrochimie, Corrosion et de Valorisation Energétique (LECVE), Faculty of Technology, University of Bejaia, 06000 Bejaia, Algeria.
WT046	Investigation of nickel adsorption from aqueous solutions by sewage sludge activated carbon	Abbas Benabdelkabar, Hamza Laksaci, Omar Khelifi	Laboratory of Energy, Environment and Information's Systems, University of Ahmed Draïa Adrar, Algeria
WT048	Adsorptive Removal of Imidazolium Ionic Liquids from Aqueous Solutions Using Modified Clay	Belbel Abdeldjabbar, Kharroubi Mohamed, Dardour Maamar, Ahmed Souadiaa	Department of Chemistry, Ziane Achour University of Djelfa, BP 3117, Algeria
WT049	Water resources and environment of the Sanhadja wetlands complex (North-east Algeria)	Benamara Abdelwaheb, Hedjal Sihem	Associate Professor, Faculty of Science and Technology, Department of hydraulic. ZianeAchourDjelfa University, Algeria
WT050	Effect of the annealing temperature on the degradation of rohdamine B by the MnO2/SiNWs system	DERKAOUI Khaled, HADJERSI Toufik, KECHOUANE Mohamed	Semiconductor Technology Research Center for Energetic (CRTSE), 2, Frantz Fanon, Algiers-7 Merveilles, PO Box 140, Algiers, Algeria
WT051	Seawater desalination: improvement of pretreatment for the prevention of biofouling of membranes	Azzouzi Kawther, Seghir Abdelfetah	Laboratory Antibiotics Antifungals: physico chemical: synthesis and biological activity - University Tlemcen.
WT053	Enhanced photocatalytic performance of CCU nanocomposites for degrading Rhodamine B	Wissam BOUCHAL, Faiçal DJANI ,Arturo MARTÍNEZ-ARIAS, Djamel Eddine MAZOUZI	Molecular Chemistry and Environment Laboratory, Mohammed KHIDER University Biskra, BP:145 RP, Biskra, 07000, Algeria.
WT054	Synthesis, structural evolution and wettability characterization of Sr-ZnO thin films prepared by Silar method	MOKRANI Nourelhouda, GHETTAF TEMAM Elhachemi, BEN TEMAM Hachemi, BARKAT Hadjer	Physics Laboratory of Thin Layers and Applications, Biskra University, BP 145 RP, Biskra 07000, Algeria
WT056	Study of complex formation of Co (II) with D2EHPA	T. LOUICHAOUI, F. GHEBGHOUB et D. BARKAT	Laboratory of Chemical Molecular and Environment, Department of Industrial Chemistry, Faculty of Science and Technology, Biskra University, Biskra, Algeria
WT057	Optimizing adsorption of dye on high-surface-area activated carbon using experimental design methodology	Naima BOUCHEMAL, Fatima ADDOUN	High School of Food Sciences and Agri-Food industries, ESSAIA, avenue Ahmed Hamidouche, Beaulieu OuedSmar, Algiers, Algeria.
WT059	Spectral Characterization, Scanning Electron Microscope (SEM) of Hexamethylenetetramine (HMTA) - Metal(II) Complexes.	Aya Alem, Dalila Fedaoui, Yasser Bouchebcheb	Université Badji Mokhtar Annaba - Algérie. BP 12 - 23200 Sidi-Ammar
WT060	Effect of Barium concentration on the microstructure and wettability of Ba-ZnO thin films synthesized by SILAR technique	Barkat Hadjer, Guettaf Temam Elhachemi, Ben Temam Hachemi, Althamthami Mohammed, Mokrani Nour Elhouda	Physics Laboratory of Thin Layers and Applications, College of Science and Technology, Biskra University, BP 145 RP, Biskra, 07000.
CSC057	Flowers of Borago officinalis inhibitor effect on mild steel A9M in 1M H2SO4 by weight loss method	YOUBI Asma, ABDERRAHMANE Sihem, MAALEM Badreddine, MOUSSAOUI Kamilia, MESSAST Sarah and DEHMCHI Farouk	Surface Engineering Laboratory (L.I.S); Chemistry department; Sciences faculty; BADJI Mokhtar -Annaba University.

CSC060	Black Cumin Cake extract as a cost-effective and green corrosion inhibitor for mild steel in acidic media: computational, gravimetric and electrochemical studies	MOUSSAOUI Kamilia; ABDERRAHMANE Sihem; MESSAST Sarah; YOUNI Asma; MAALEM Badreddineand DEHMCHI Farouk	Surface Engineering Laboratory (L.I.S), department of chemistry; Faculty of Sciences; BADJI MOKHTAR -ANNABA University-Algeria
CSC056	Gravimetric study of the extract of Plectranthus amboinicus leaves against the corrosion of X60 steel in 1M HCl	MESSAST Sarah; ABDERRAHMANE Sihem; BOUASLA Nabila, MOUSSAOUI KAMILIA, YOUNI Asma; ZENNIR Houssam ;MOUSSAOUI KAMILIA, MAALEM Badreddine,DEHMCHI Farouk	Surface Engineering Laboratory (L.I.S), Department of chemistry, Faculty of Sciences, University BADJI Mokhtar -Annaba Algeria
CSC023	Study of the effect of fiber size and fiber mass ratio on the mechanical behavior of bio-composite materials.	Oussama Smaal, Tarek Djoudi, Toufik Ameur	Laboratory of Exploitation and Valorization of Natural Resources in Arid Zones (EVRNZA) Kasdi_Merbah_ University, Ouargla, ALGERIA
PE023	Nanostructured stable phase elaborated by Ni & S compounds: XRD & SEM confirmation	Randa Slatnia, Lakel Abdelghani	Material Science Department, Laboratory of Metallic and Semiconducting Materials, Mohamed Khider University, Biskra, Algeria.

11^h00 – 12^h00

Oral session 3 / 03 Parallel Rooms

Room 1:

Chairs: Pr. Hassen Abdelmalek & Pr. Madani Hakim

Time	ID	Title	Authors	Affiliation
11 ^h 00 – 11 ^h 15	MSCP010	In silico and in vitro study by quantum and empirical methods in heterocycles with medicinal interest	Fattouche Maroua, Belaidi Salah, Soualmia Fatima	Group of Computational and Pharmaceutical Chemistry, LMCE Laboratory, department of Chemistry, Faculty of sciences, University of Biskra, 07000, Biskra, Algeria.
11 ^h 15 – 11 ^h 30	MSCP014	Comparison of discretization methods to solve a population balance model of wet granulation including nucleation, aggregation and breakage."	Ibtissem.Terghini , Diego Caccavo ,Abdelmalek Hassenine	University Mohamed khider Biskra, Faculty of Science and Technology, Department of Process Engineering, BP 145 RP, 07000 Biskra, Algeria.
11 ^h 30 – 11 ^h 45	MSCP029	In silico evaluation of the inhibition activity of some phosphonate derivatives against SARS-CoV-2 main protease	Nadjib Chafai, Khalissa Benbouguerra, Lilia Adjissi	Laboratory of Electrochemistry of Molecular Materials and Complex (LEMMC), Department of Process Engineering, Faculty of Technology, University of Ferhat ABBAS Setif-1, El-Mabouda campus, 19000 Sétif, Algeria
11 ^h 45 – 12 ^h 00	MSCP036	Investigation of the radical scavenging potency of hydroxylated stilbenes: DFT insight	HAMADOUCHE Salima, OUDDAI Nadia, MEROUANI Hafida	Laboratoire de Chimie des Matériaux et des Vivants:Activite&Reactivite(LCMVAR), Université Batna1, Batna, Algeria

Room 2:

Chairs: Pr. Faycal Djani & Pr. Merzougui ABDELKRIM

Time	ID	Title	Authors	Affiliation
11 ^h 00 – 11 ^h 15	MSCP049	In silico Investigation of several series of heterocyclic molecules for drug discovery	Chennai Yasmine, Belaidi Salah	Group of Computational and Pharmaceutical Chemistry, LMCE Laboratory, University of Biskra, BP 145 Biskra 07000, Algeria
11 ^h 15 – 11 ^h 30	WT002	Study of Various Parameters Measured for Industrial Liquid Waste in a Treatment Plant at the two Skikda Refineries (RA1/K, RA2/K)	Benkharrat Hichem	Boumaiza Ben azouz Skikda
11 ^h 30 – 11 ^h 45	WT005	Heterogeneous phase adsorption of carmine, phenolphthalein and eosin dyes on activated carbon and natural clay, experiments, characterization and physical interpretations	Abderezak Guemache, Ahmed Bouchelaghem, Mahmoud Drif, Fares Kakoul, Louanes Hamzioui	Université de M'Sila, Département D'hydraulique, Faculté de Technologie, M'Sila 28000 Algérie
11 ^h 45 – 12 ^h 00	WT006	Design of an industrial electrochemical reactor for wastewater treatment	Abdelkader SAILA	Laboratory of Physico-Chemistry of Materials and Environment, University of Djelfa, 17000 Djelfa, Algeria.

Room 3:

Chairs: Pr. Fadel Ammar & Dr. Menasra Hayet

Time	ID	Title	Authors	Affiliation
11 ^h 00 – 11 ^h 15	WT011	Characterization of diatomite Silica Doped Fe Composite and their Enhanced Photocatalytic Activity by UV Light in Water Treatment	Walid Rezig	Laboratoire des Sciences, Technologie et Génie des Procédés LSTGP , Faculté de Génie chimique ; Département de Génie chimique ; Université des Sciences, Technologie et Génie des Procédés USTO-MB ; BP 1505 El M'naoueur Bir El Djir 31000 Oran, Algeria.
11 ^h 15 – 11 ^h 30	WT014	Preparation of a Magnetic Hybrid Adsorbent from Low-cost Biochar for the Effective Removal of Cu (II) from Water	Dhirar Ben Salem1, Abdelkader Ouakouak 1,2, Fouzia Touahra 3 and Nouredine Hamdi 4,5	Research Laboratory in Subterranean and Surface Hydraulics, University of Biskra, PO Box 145, Biskra, 07000, Algeria.
11 ^h 30 – 11 ^h 45	WT015	Study of the efficiency of activated carbon for the removal of a pharmaceutical product (metronidazole) from aqueous solutions.	Chebbi Meriem, Ounoki Samira , Youcef Leila, Achour Samia	Research Laboratory Underground and surface hydraulic –LARHYSS, Faculty of Science and Technology Hydraulic and Civil Engineering Department, M. K. University of Biskra, POB 145 RP, 07000, Algeria "
11 ^h 45 – 12 ^h 00	WT026	Thermodynamic study of ibuprofen removal using biochar pepper stem oxidize	Azri Naima, Fadel Ammar, Ouakouak Abdelkader, Chebbi Rachid	Laboratory of LAR GHYDE, University Mohamed Kheider- Biskra,07000, Algeria

12^h00 – 14^h00**Lunch****14^h00 – 15^h00****Oral session 4 / 03 Parallel
Rooms****Room 1:****Chairs: Pr. Fadel Ammar & Dr. Menasra Hayet**

Time	ID	Title	Authors	Affiliation
14 ^h 00 – 14 ^h 15	WT031	Mixture of shells non activated for removal of lead from water: Adsorption, factorial design analysis, Kinetics and isotherm studies.	Imane LAKEHAL, Karima SEFFAH, Hadjer OURIECHE	University Algiers1-Ben Youcef Benkhadda,science of matter department,faculty of sciences, Algiers, Algeria.
14 ^h 15 – 14 ^h 30	WT033	Enhancing the ZnO Photocatalytic Efficiency by Ag Doping in the Dye Removal from Wastewater	LAKSACI Hamza, KHELIFI Omar, BENABDELKABIR Abbas	Laboratoire des Matériaux Catalytiques et Procédés Industriels (LMCPI), Faculté des Sciences et Technologies, Université Ahmed Draïa, Adrar, Algérie
14 ^h 30 – 14 ^h 45	WT034	Treatment of the industrial wastewater from food Aromsa and ingredients production by electrocoagulation (EC) process assisted by the mucilage of opuntia ficus indica	Naima Djerroud, Nawel Adjeroud, Zahra Azzouz, Merzouk Belkacem , Khodir Madani	Laboratoire de Biomathématique, Biophysique, Biochimie, et Scientométrie (L3BS), Faculté des Sciences de la Nature et de la Vie, Université de Béjaïa, 06000 Bejaïa, Algérie.
14 ^h 45 – 15 ^h 00	WT035	Contribution to the improvement of the resistance of cementitious materials	Abdelaziz LOGBI, Toufik CHOUNGARA, Mohammed MANI, Tarek	Département d'Hydraulique et de Génie Civil , Université Chahid Hamma Lakhdar –El-Oued

Room 2:**Chairs: Pr. Faycal Djani & Pr. Merzougui ABDELKRIM**

Time	ID	Title	Authors	Affiliation
14 ^h 00 – 14 ^h 15	PE014	Synthesis and structural characterization of the substitution compound La _{1-x} Sr _x NiO _{3-δ} for Lithium Batteries	Hesna Messalaoui, Nedjemeddine Bounar	LIME Laboratory,University of Jijel,Algeria
14 ^h 15 – 14 ^h 30	PE017	Simulation Investigation on Heat Transfer and Two-Phase Flow in a Shell and Tube Heat Exchanger in Petroleum Refinery	Sayoud Nassim, Bouchair Abdenour, Touati Houcine	Process Engineering Department, Faculty of Science and Technology, University of Jijel, P. O. Box 98, 18000, Jijel, Algeria
14 ^h 30 – 14 ^h 45	PE022	The effect of annealing on the evolution of the microstructure of an industrially drawn medium carbon steel wire	Amina Ourabi, Mosbah Zidani, Salim Messaoudi, Mohamed Chaouki Nebbar, Tahar Abid	Laboratoire de Génie Energétique et Matériaux-LGEM, Université de Biskra, Biskra 07000, Algérie.
14 ^h 45 – 15 ^h 00	MSCP057	New application of DuQMoGeM to the modeling of the asphaltene aggregation	Khaled Athmani, Abdelmalek Hasseine, Paulo Laranjeira da Cunha Lage , Djemoui Laiadhi	Laboratory LAR-GHYDE, University of Biskra, BP 145 RP, Biskra 07000, Algeria

Room 3:**Chairs: Pr. Zidani Mosbah & Pr. Toubha Mohammed Mostapha**

Time	ID	Title	Authors	Affiliation
14 ^h 00 – 14 ^h 15	CRCP018	Enlargement of WC grains in WC-Co alloys.	Hassiba Rabouhi, Youcef Khelfaoui, Abdelkrim Khireddine	Department of Physics, Faculty of Exact Sciences, University of Bejaïa, Algeria.
14 ^h 15 – 14 ^h 30	CSC062	Effet thermique sur un joint soudé d'Al 1050A: Étude microstructural	CHÉRIFI - BENNADJI Nedjema, ABDERRAHMANI Safa	Laboratory LAR-GHYDE, University of Biskra, Algeria
14 ^h 30 – 14 ^h 45	SP005	Oil recovery from crude oil sludge by solvent extraction	Amraoui Loubna, Hasseine Abdelmalek, Laiadi Djemoui, Bouzid khadidja	Laboratory LARGHYDE, university of Biskra, Algeria.
14 ^h 45 – 15 ^h 00	CSC038	Study of optical properties of undoped NiO thin films deposited at 723K	Mohamed Zakaria Merad, Lahcene Fellah, Helal Yazid	Laboratoire de recherche : Exploitation et valorisation des ressources naturelles en zones arides, UKM Ouargla.

15^h00 – 16^h00

Coffee Break & Poster Session 4

Poster Session 4:

ID	Title	Authors	Affiliation
CSC001	Corrosion of Nickel-based composite coatings	LEKMINE Farid, ZIDANI Ibtissem, GANA Abderahmane, BEN TAMAM Elhachemi, CHALA Abdalouahad1	University Abbes Laghrou, Khenchela, 40000, Algeria.
CSC002	Study of the anti-corrosion effecacite of the ferrocenic derivative on XC48 steel by electrochemical impedance spectrometry (SIE)	KARCE Houssam Eddine	Département de Génie de l'environnement, faculté de Technologie, Université Mohamed Elbachir Ellbrahimi Bordj Bou Arreridj , Algerie
CSC003	COBALT-RICH ALLOYS: ELECTROCHEMICAL DEPOSITION, STRUCTURE AND CORROSION RESISTANCE	Louiza Tahraoui, Malika Diafi	Department of Chemical Industry, University of Biskra, 07000, Algeria
CSC004	DIFFUSION BARRIER PROPERTIES OF ELECTROCHEMICALLY DEPOSITED Zn-Co-Cr ALLOYS	Louiza Tahraoui, Malika Diafi	Department of Chemical Industry, University of Biskra, 07000, Algeria
CSC005	CORROSION PROTECTION OF STEEL USING Zn-Cr COATINGS	Louiza Tahraoui, Malika Diafi	Department of Chemical Industry, University of Biskra, 07000, Algeria
CSC006	Pitting Corrosion of 2209 Duplex Stainless Steel weldments in NaCl Aqueous Solution	Rabah AZZOUG, Hania Hachemi, Mohamed Elamine Djeghlal, Ali Mezouar	Ecole Nationale Polytechnique, Département de Métallurgie, LSGM, Alger, 16200, Algérie
CSC007	Effect of Current Density on Corrosion Properties of Ni-P-TiO ₂ Composite Coating Prepared by Electrodeposition	LEKMINE Farid1,2*, BEN TAMAM Elhachemi, GANA Abderahmane, CHALA Abdalouahad, ZIDANI Ibtissem	University Abbes Laghrou, Khenchela, 40000, Algeria.
CSC009	The ecological impact of PMMA:ZnO used as an optical photovoltaic coating	Bachir Eddine Messaid, Mahdia Toubane, Younes Lamri, Razika Talaghil, Boujamaa Bouaouina, Faycal Bensouici	Research unit of materials processes and environment (URMPE), M'hamed Bougara University of Boumerdes, Algeria
CSC010	Morphological, Structural Properties of LaFeO ₃ Perovskite doped Prepared by classical Method and Its photocatalytic Activity	Achour Achouak, Abba Malika, Necira Zelikha	Laboratoire de chimie moléculaire et environnement(LCME)
CSC011	The effects of sodium dodecyl sulfate on hardness and corrosion of Ni-MoS ₂ composite coatings	GANA Abderrahmane, LEKMINE Farid, ZIDANI Ibtissem, HERZALLAH Ouahiba, BEN TEMAM Hachemi	Physic Laboratory of Thin Films and Applications (LPCMA), University of Biskra, 07000
CSC012	MICROSTRUCTURE AND CORROSION BEHAVIOUR OF Zn-Co ELECTROGALVANIZED STEEL	Louiza Tahraoui, Malika Diafi	Department of Chemical Industry, University of Biskra, 07000, Algeria
CSC013	INVESTIGATION OF CORROSION INHIBITION EFFECT AND ADSORPTION ACTIVITIES OF GREEN INHIBITOR FOR MILD STEEL IN 1M HCL	Bouزيد BOUAMRA, Mounir DJELLAB, Hamza BENTRAH, Slimane KHERIEF, Abdelouahad CHALA, Amir eddine KABOUAIA	Laboratory of Physics of Thin Films and Applications, University of Biskra, Biskra, Algeria.
CSC014	Effect of doping with of Niobium on the properties structural of Titanium Dioxide thin films prepared by sol gel (spin-coating) process	Djehiche Nour el houda, Saidi Hanane, Attaf Abdallah, and Okba Ben khetta	Physics of thin films and applications (LPCMA) university of Biskra Algeria
CSC015	Effect of Annealing Temperature on Properties of Thin films of Zinc-Oxide (ZnO) elaborated by Sol-gel (Dip-coating) method	Ferial Belhamra, Sâad Rahmane, Elhachmi Guettaf Temam, Nadjette Belhamra	Physics Laboratory of Thin Layers and Applications, Biskra University, BP 145 RP, Biskra 07000, Algeria
CSC016	Characterization of the Electrochemical Behavior of a Chrome Steel Intended For the Manufacture of Oil Drilling Tunings	FETTAH Hichem	Laboratory of Applied Energetics and Materials (LEAM), University MSBY -Jijel,
CSC017	Structural characterization of NiO thin films by the Williamson-Hall method	Zakaria Merad, Lahcene Fellah, Helal Yazid	Laboratoire de recherche : Exploitation et valorisation des ressources naturelles en zones arides, UKM Ouargla.
CSC018	Effect of Vanadium addition on microstructure and mechanical properties of TiSiN/CrVxN multilayers system.	M. Athmani, A. Chala, F. Fernandes, A. Cavaleiro	Laboratory of Physics of Thin Films and Applications, University of Mohamed Khider, BP 145 RP, 07000 Biskra, Algeria
CSC019	Effect of date palm leaf fiber on the mechanical and morphological properties of polyvinyl chloride composites	Abir Berkouk, Ahmed Meghezzi	Department of Material Sciences, Laboratory of applied chemistry LCA, University of Biskra, Biskra 07000, Algeria
CSC020	Preparation and characterization of Co ₃ O ₄ :Ag thin films prepared by pneumatic spray method	Nadjette Belhamra, Lamia Dressi, Noura Djahra, Ferial Belhamra, Zahia Bencharef	Physic Laboratory of Thin Films and Applications (LPCMA), University of Biskra, 07000, Algeria
CSC021	X-ray diffraction line profile analysis of dislocation density of X70 welded pipeline steel	Kelthoum Digheche, Farid Iekmine, Farida khamouli, Abdelouahad Chala	Physic Laboratory of Thin Films and Applications (LPCMA), University of Biskra, 07000, Algeria.
CSC022	propriétés physico-chimique et caractérisation d'huile essentielle de lavande	ABDERRAHMANI Safa, REHALI Hanane, CHÉRIFI - BENNADJI Nedjema	Laboratory of LAR GHYDE, University Mohamed Kheider- Biskra, Algeria
CSC024	Effect of chemicals treatments on the mechanical, morphological, and thermal properties of palm fiber reinforced polyethylene composites	Nour Elhouda Nouioua1,*, Hamida Boussehel, Lina Aloui, Nadjla Debabeche, Houssam Eddine Benchouia, Belhi Guerira	Laboratory of Mechanical Engineering LGM, University of Biskra, Algeria
CSC025	Sodium Molybdate as a Corrosion Inhibitor for Mild Steel in (0.6MNaCl+ 0.01MNa ₂ SO ₄) Solution	Hayat MARMI, Chahinez SIAD, Saïda MARMI, Abdelouahad CHALA	Laboratory of Thin Film Physics and Applications, University of Biskra

CSC026	Welding Effects on microstructural and mechanical properties of material	Hind Mnsour, Kelthoum Digheche , Kelthoum Adaïka	Physic Laboratory of Thin Films and Application LPCMA ,University Mohamed Khider of Biskra , 07000.Algeria
CSC027	Microstructure and Mechanical Properties of FeCrNiSiB-WC-TiC twin wire arc sprayed coatings.	Rachid Lakhdari, Yazid Fizi , Islam Nacer Eddine El Ghoul, Messaoud Legouera	Centre de Recherche Scientifique et Technique sur les Régions Arides (CRSTRA) Biskra-Algérie
CSC028	Reducing Industrial Accident by Corrosion Risk Assessment and Risk Based Inspection	Mouloud Bourareche, Zakarya Chiremsel	LRPI Laboratory, Institute of Health and Industrial Safety, University of Batna 2, Constantine Street, 53. Fesdis, Batna 05078, Algeria
CSC029	Mint Leaves Extract as a Green Corrosion Inhibitor for Copper in Hydrochloric Acid Solution.	Saida MARM, Abdelouahad CHALA, NOUDJI MALIKA, Hayat MARM, Chahinez SIAD, SouhilaMARM	Laboratory of Thin Film Physics and Applications, University of Biskra
CSC030	CORROSION INHIBITION OF A STAINLESS STEEL IN AN AGGRESSIVE MEDIUM IN THE PRESENCE OF TUNGSTATES	LAROUÏ Ghania; AISSAOUI Regadia, LARIBI Ahmed, AMZERT Sid-Ahmed, Mahi Mohamed, Rebhi Abdelghani Elmahdaou, and Hakem AHCENE	Department of Chemistry Faculty of Exact Science and Computer Science University Ziane Achour of Djelfa BP 3117 Djelfa - Algeria.
CSC031	Extraction of essential oil from pine leaves and its use as an inhibitor of the corrosion process of metals and alloys in an acid medium	GACEM Salih; AISSAOUI Regadia, Tahri Bouhafas, Karma Ahmed, Mahi Mohamed, Rebhi Abdelghani Elmahdaou and Hakem AHCENE	Department of Chemistry Faculty of Exact Science and Computer Science University Ziane Achour of Djelfa BP 3117 Djelfa - Algeria.
CSC032	Evaluation of the inhibitory efficiency of a synthesized compound against copper in 1M hydrochloric acid	Moumeni Ouahiba	Laboratory of Electrochemistry of Molecular and Complex Materials (LEMMC), Department of Process Engineering, Faculty of Technology, El-Maabouda University Ferhat Abbas Sétif-1, 19000 Sétif, Algeria
CSC033	High efficiency of New Triazole-Based Schiff Base Ligand as an Effective Corrosion Inhibitor for XC40 Carbon Steel In 1.0 M Hydrochloric Acid Solution: Experimental and Theoretical Study	Yaakoub Saadallah, Achouak Sator, Fatima Setifi, Abderrezak Addala, Zouaoui Setifi	Laboratory of Chemistry, Engineering of Materials and Nanostructures (LCIMN) University Ferhat Abbas-Setif 1
CSC034	Elaboration and Characterization of composite anticorrosion deposits	Saida Leboukh, Mustapha Djama , Ahmed Haddad	Research Center in Industrial Technologies CRTI, Algiers, Algeria. Division of Corrosion, protection and durability of des materials
CSC035	Simulation of the effect of the length of palm fiber reinforced on two different composite materials (Epoxy resin / Palm fibers and Polyester / Palm fibers)	Abderrahmane Sahraoui, Mabrouk Hecini , Tarek Djoudi, Wassila Grine	Laboratoire de Génie Mécanique (LGM), Université de Mohamed KHIDER-BP 145, 07000 Biskra, Algérie,
CSC036	Electrodeposition and Corrosion Resistance of NiP Composite Coatings	Tawous KACEL, Mourad MEBARKI, Messaoud HEMMOUS, Mustapha DJAMA	Research Center in Industrial Technologies CRTI, BP64 route de Dely Ibrahim Cheraga, Algeria.
CSC037	STUDY OF ELECTRICAL AND MECHANICAL BEHAVIOR AND THE EVOLUTION OF THE TEXTURE OF THE THREADS IN COPPER AND RECRUTE COPPER WIRES	F. Baira, M. Zidani	Université de Batna 02, Département ST, BP 53, 05078 Fésdis, U. Batna- Algérie,
CSC039	Elaboration and characterization of transition metal oxide by electrolysis	Noureddine BOUMAZA; Abdelfatte SAYAH1 ; Abdelkrim MERZOUGUI; Assia TOUNSI; Amine KHERFI, Leila LAMIRI; Farid LABELHAMES; Ahmed BAHLOUL; Naima MAOUCHE	Laboratory of Electrochemistry and Materials, Department of Process Engineering, Faculty of Technology, University of Sétif 1, ALGERIA
CSC041	Structural, and corrosion evaluations of multilayered 7000-Series Aluminum fabricated by ARB Process.	Ismail Bencherifa, Djamel Bradai	Laboratory of Metallic and Semiconducting Materials (LMSM), Department of Mechanical Engineering, University of Biskra, B.P.145, 07000, Biskra, Algeria.
CSC042	The effect of the deposition layers on the optical property of tin dioxide (SnO ₂) thin films prepared by the sol-gel (Spin coater) process.	Youcef Amina, Attaf Abdallah, Okba Ben khetta and Saidi Hanane,	Science of matter, Physics Laboratory of Thin Films and Applications, University of Biskra, Algeria.
CSC043	Hierarchical 3D micro flower-like TiO ₂ thin film grown by spray pyrolysis	Okba Ben khetta, Abdallah Attaf, Hanane Saidi, Youcef Benkhetta, Adel Bouhdjer, Radhia Messemeche, Nour Elhouda Djehiche, Ammar Derbali	Physic Laboratory of Thin Films and Applications LPCMA, University of Biskra, Algeria.
CSC044	Comparative Study on the Corrosion Resistance of an austenitic stainless steel and a duplex stainless steel	Rabah AZZOU, Hania Hachemi, Mohamed Elamine Djeghlal, Ali Mezouar	Ecole Nationale Polytechnique, Département de Métallurgie, LSGM, Alger, 16200, Algérie
CSC045	Rosemary extract as a Green Corrosion Inhibitor for Copper in Hydrochloric Acid Solution	Malika Nouadji, Saida Marmi, Baya Melik	Laboratory of Thin Film Physics and Applications, University of Biskra
CSC046	Study of Green Corrosion Inhibition on mild Steel X70 in hydrochloric Acid Using Syzygium aromaticum as Eco-Friendly Inhibitor	Fatima adjal, kholoud chagra, Imane Ait bouabdallah, sana almi	Department of industrial chemistry, University of Biskra/Biskra, Algeria
CSC048	Synthesis and characterization of a new ceramic material	Ahlem Ksouri, Abdelhek Meklid, Necira Zelikha	Applied Chemistry Laboratory, Mohamed Kheider University of Biskra BP145 (07000), Algeria
CSC051	Improved corrosion resistance of electrodeposited NiCo-Al ₂ O ₃ composite coatings with different Al ₂ O ₃ contents	Herzallah Ouahiba, Ben Temam Hachemi, Abdelrahman Gana	Physic Laboratory of Thin Films and Applications (LPCMA), University of Biskra, Algeria
CSC054	Morphological characterization photocatalytic of BIT ceramic material	Ounis Amina, Menasra hayet	Applied chemistry laboratory, Mohamed kheider university, Algeria
CSC055	STUDY OF Zn-Co ALLOY COATINGS MODIFIED BY NANO-Cr ₂ O ₃ PARTICLES INCORPORATION	Louiza Tahraoui, Malika Diafi	Physic Laboratory of Thin Films and Applications (LPCMA), University of Biskra, Algeria
MSCP017	Numerical simulation of schottky barrier diode based on β-Ga ₂ O ₃	Rima cherroun, Afak Meftah	Mohamed Khider University, Biskra –Algeria, Laboratory of semiconducting and metallic materials (LMSM)
SP003	STUDY OF XANTHATE (KAX) ADSORPTION ON GALENA : SEPARATION BY FLOTATION	NEDJAR ZOHIR, IBTISSEM KORICHE, DJAMEL BARKAT	Laboratoire de Chimie Moléculaire et de L'environnement, Université de Biskra 07000, Algérie.

16^h00 – 16^h30

Closing Ceremony/Attestation Distribution