



3^{ème} Edition des Journées Des Doctorants « JDD 2023 »



Inscriptions et Ouvertures :

Lundi 08 Mai 2023 à Partir de 8h.

Sessions plénières :

Amphi	Jour	Horaire	Invité	Université	Titre
1	08 Mai 2023	09:00	Pr. Cécile Autret	Tours-France	Particules core-shell à base de $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ comme matériaux diélectriques dans les condensateurs céramiques.
1	09 Mai 2023	09:00	Pr. IDRISSI Abdenacer	Univ. Lille, France	Apport de la dynamique moléculaire à l'analyse de la structure, la dynamique des fluides supercritiques et les liquides ioniques.

Sessions orales et posters

Lundi 08 Mai 2023

Amphi-1

Amphi	Jour	Horaire	Participant	Université
1	1	09:30	Brahim Hafedh	Optical and electrical characterizations of the synthesized perovskite material the CsPbBr_3 for optoelectronic applications.
1	1	09:45	Dhaffouli Afef	A sensitive electrochemical sensor based on ZnO@SiO_2 -APTES for high detection of Pb (II) and Cd (II) ions in real samples
1	1	10:00	Douzi Abir	Structure, propriétés optiques et analyse de Judd-Ofelt de $\text{Li}_3\text{Ba}_2\text{Gd}_3(\text{WO}_4)_8$ dopé à l' Eu^{3+} pour des luminophores émettant un orange rougeâtre pour des applications WLED.
1	1	10:15	Ben Chaabene Khouloud	Development and Characterization of a Cement-based Material Reinforced with Lignocellulosic Fibers
		10:30		Pause Café



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1	1	11:00	Najah Rhimi	Structural, morphological, optical and dielectric properties of sodium bismuth titanate ceramics
1	1	11:15	Saidi Aicha	Elaboration and structural properties of Germanium thin-films grown on mesoporous Si buffer for III-V Integration
1	1	11:30	Meftah Sana	An investigation of structural, morphological and electrical conductivity of the multiferroic double perovskite
1	1	11:45	Ramzi Ramzi	A new electrochemical impedance sensor for detection of Al ³⁺ ions in water based on a new imidazole derivative
1	1	12:00	Amara Manel	dielectric properties and NTCR behavior of BaFe _{1/2} Nb _{1/2} O ₃ ceramic over a broad temperature range
1	1	12:15	Dardouri Nour Elhouda	New Cyanato-N Cadmium(II) Meso-arylporphyrin Complex: Spectroscopic Characterization, Electrical Conductance and Dielectric Properties
		12 :30		Déjeuner
1	1	14:00	Homri Amal	Synthesis and characterization of structural , dielectric properties of double pervskite
1	1	14:15	Chiba Ilhem	Structural, morphological and optical analysis of Nd-doped Bismuth Ferrite
1	1	14:30	Mokni Ines	Synthesis and characterization of a novel strontium-yttrium phosphate with a Whitlockite-like structure.
1	1	14:45	Ben Abdelwahed Amira	Highly stable temporally δ -Bi ₂ O ₃ prepared on GaAs by thermal oxidation of bismuth thin films
1	1	15:00	Achech Amel	Synthesis using layer by layer method and characterizatin of nanostructured MOF thin film
		15 :30		session poster1



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Amphi-2

Amphi	Jour	Horaire	Participant	Université
2	1	09:30	Ghabi Wissal	nouveaux complexes cationiques du Nickel à ligands iminopyridine: synthèse et caractérisation
2	1	09:45	Hassouna Chaima	Macrocycles tetraaza combinés : Synthèse, Caractérisation, Complexation par des Ions Fe(II) et Co(II)
2	1	10:00	Hajji Ibtissem	Synthesis, characterization and photophysical properties of new functional phénanthrene derivatives
2	1	10:15	Hamrouni Khaoula	Photooxidation pathway providing 15-bromo-7-cyano[6]helicene. Chiroptical and photophysical properties
		10:30		Pause Café
2	1	11:00	Meskini Islem	Synthesis, characterization and structure study of a new hybride organic-inorganic polyoxovanadate compound
2	1	11:15	Roua Bouzaiene	Experimental and Theoretical Study of the Structure and Dynamic of Tetradecyltrimethylammonium Bromide (TTAB) micelles in water
2	1	11:30	Moulahi Nadhem	electrochemical sensor for iron (III) detection based on (E)-2-((phenylimino)methyl) phenol modified platinum electrode
2	1	11:45	Guesmi Sondes	An electrochemical enzyme-free glucose sensing based on a novel Cs/Cu-MOF composite
2	1	12:00	Khemis Eya	Chemical composition and evaluation of insecticidal activity of Thapsia garganica L. seed essential oil against Tribolium castaneum
2	1	12:15	Jaafar Zouhour	Regioselective, One-Pot Synthesis, DFT and Molecular Docking Studies of Novel Conjugates barbituric acid as anti-inflammatory Agents
		12 :30		Déjeuner
2	1	14:00	Ben Romdhane Oumayma	Chemical composition, insecticidal and Allelopathic activities of the fractionated essential oil extracted from the resin exuded by Araucaria heterophylla
2	1	14:15	Dridi Oumayma	Bioactive compounds from Cynara scolymus bracts: Physico-chemical characterization and biological evaluation



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2	1	14:30	Boulila Bisma	Towards antibacterial derivatives of maslinic and oleanolic acids
2	1	14:45	Hanène Ben Mohamed	Synthesis and characterization of new functional benzo[c]phenanthrene derivatives
2	1	15:00	Chaabani Amal	Development of an electrochemical sensor based on f-MWCNTs for the detection of antibiotics in real effluents
		15 :30		session poster1

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Amphi 3

Amphi	Jour	Horaire	Participant	Université
3	1	09:30	Ltayef Mariem	Simulation of optoelectronic and photovoltaic properties of organic composites based on new conjugated copolymer MEH-PPV-P3HT for organic solar cell application
3	1	09:45	Chebil Samaher	Theoretical investigation of electronic and optical properties of a new D- π -A- π -D synthesized donor molecule for a new generation of fullerene-based bulk heterojunction (BHJ) for new organic solar cells application
3	1	10:00	Cherni Ayoub	Effect of the capped matrix and geometric factors on linear and nonlinear optical properties in CdS/ZnSe core/shell quantum dots spheroid-shaped.
3	1	10:15	Briki Issa	Muons cosmiques au niveau de la mer
		10:30		Pause-Café
3	1	11:00	Sbouï Insaf	Approche quantique par l'algèbre de Lie pour les molécules diatomiques.
3	1	11:15	Glaïed Sirine	Electron and Phonon Tranports in a 3D FinFET Transistor
3	1	11:30	Smati Houda	Investigation of the olfactory perception of odorants thiols on the human olfactory receptor OR2M3 via an advanced statistical physics modeling



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3	1	11:45	Kedidi Naoures	Structural, Mechanical and Electronic Proprieties of a Novel Braceletlike AsBiX ₃ (X = S, Se) Monolayers: A density functional study
3	1	12:00	Bahri Haifa	Electrical polarization effects on the thermal response of FinFET nanotransistors
3	1	12:15	Salhi Rim	study the mechanism of taste
		12:00		Déjeuner
3	1	14:00	Hértilli Sirine	Electronic and nonlinear optical properties in spheroid-shaped core/shell quantum dot: effect of nanodot shape, eccentricity and dielectric environment
3	1	14:15	Hammouda Kawther	Stark shift of the intersubband transitions in Ge/Si _{1-x} Gex Step Quantum Well (SQW)
3	1	14:30	Ammar Azza	Non-relativistic ab initio investigation on the spectroscopic and radiative properties of the low lying electronic states of LiO and LiO ⁺ molecules
3	1	14:45	Selmi Kaouther	FPGA implementation of neural network for classification of nervous system and brain diseases.
3	1	15:00	Ajmi Hala	Efficient Architecture based AES cryptographic algorithm
		15 :30		session poster1



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Session Poster1

Code	Jour	Horaire	Etudiant	Titre
PP1	1	15:30	Nsibi Chafaa	Experimental study and modelling of convective drying of a porous medium of olive pomace
pp2	1	15:30	Miled Asma	Improving the morphological, optical and electrical properties of perovskite solar cells through Antisolvent treatment
pp3	1	15:30	Hasni Mariem	Synthèse et caractérisation des matériaux hybrides à base apatitique: Application dans des réactions d'adsorption des polluants
pp4	1	15:30	Ben Mariem Ibrahim	Taguchi method - Artificial Neural Network Approach for the Optimization of High-Efficiency Microfluidic Biosensor
pp5	1	15:30	Mabrouk Sirine	Valorization of grape seeds by production of activated carbon: Application to the retention of a drug residue present in water
pp6	1	15:30	Azzaz Souhir	Improving the performance of planar perovskite solar cells via anti-solvent treatment
pp7	1	15:30	Hayder Arij Nasfia	Modeling on heat and mass transfer in a grain storage metal silo : using wheat as model material
pp8	1	15:30	Bhiri Fatma	a highly selective fluorescence and colorimetric turn-on sensor for Al ³⁺
pp9	1	15:30	Monia Bartouli	Energy management and load forecasting in Smart grid
pp10	1	15:30	Ben Henda Noura	IDS-SVM for intrusion detection in IoT Network
pp11	1	15:30	Dalanda Slimi	Optical study of the Ga ₂ O ₃ /BGaAs/GaAs heterostructures based on III-V materials
pp12	1	15:30	Jemmali Asma	Experimental Design and PSO-Artificial Neural Network for microfluidic biosensor optimization under AC electrokinetic effects
pp13	1	15:30	Akkari Sana	Electronic structure and possibility of laser cooling of BaLi ⁺ and BaNa ⁺ molecular ions



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pp14	1	15:30	Mbarki Ghada	Amélioration de la réponse d'une OLED à base de PPV : Effet du dopage et des paramètres technologiques
pp15	1	15:30	Abdelli Ali	Optimisation d'un algorithme de chiffrement pour la sécurité des données de santé IoT
pp16	1	15:30	Omran Nacir	Real-time pedestrian detection independent of illumination dedicated for automotive applications
pp17	1	15:30	Jaballi Eya	Conception d'un accélérateur matériel sur FPGA dédiés au Machine Learning
pp18	1	15:30	Bel Hadj Salah Zahra	Etude comparative entre différents algorithmes de suivi du point de puissance maximale pour les systèmes photovoltaïque
pp19	1	15:30	Nesrine Mabrouk	Ab initio characterization of the Kr–Li ₂ ⁺ van der Waals complex: Intermolecular potentials and vibrational bound states
pp20	1	15:30	Chaima Ben Makhlof	Dielectric, Magnetic, and Electrical Properties of Cu _{0.6} Mg _{0.2} CO _{0.2} Fe ₂ O ₄ Ferrites Synthesized Using Sol-Gel Method Under Different Sintering Temperatures
pp21	1	15:30	El Ghali Siwar	Facile synthesis and characterization of Fe ₃ O ₄ -D-tryptophan nanoparticles for methylene blue adsorption.
pp22	1	15:30	Ibrahim Mayssa	Synthesis and characterization of rare earth doped luminescent nanoparticles for biological applications.
pp23	1	15:30	Slama Nour El Houda	Catalytic activity of green synthesized gold nanoparticles for photocatalytic degradation of Methylene Blue
pp24	1	15:30	Limem Ibrahim	Étude et implémentation des outils de virtualisation des architectures reconfigurables
pp25	1	15:30	Nasr Dorra	Study and Realization of Macro-Piezoelectric accelerometer sensor for an inertial measurement unit (IMU)



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Amphi 1

Amphi	Jour	Horaire	Participant	Université
1	2	09:30	Toumia Hiba	Facile Deposition of pyrazole Metal-Organic Framework Thin Films
1	2	09:45	Abd Raouf Jdidi	Electrical and dielectric behaviors for Cu _{0.6} Mg _{0.2} Co _{0.2} FeCrO ₄ spinel ferrite synthesized by sol-gel route at 850°C
1	2	10:00	Toumi Safa	Effect of ion-exchange conditions on TL glow curves for copper doped glasses irradiated by gamma rays
1	2	10:15	Nabil Ben Zerooug	Optimization of the Nonlinear Optical Properties in lens-shaped In _x Ga _{1-x} As/GaAs quantum dots under indium segregation and In/Ga inter-diffusion effects
		10:30		Pause Café

Amphi 2

Amphi	Jour	Horaire	Participant	Université
2	2	09:30	Ben Latifa Sirine	Inhibition du tartre dans l'eau dure par des champs magnétiques
2	2	09:45	Ghannouchi Ghada	Synthesis, analysis, and molecular docking design of novel pyran-based Heterocyclic compounds
2	2	10:00	Ben Tiba Amani	Geographical and Botanical Origin discrimination of Tunisian and Italian Honey using artificial senses
		10 :30		Pause Café

Amphi 1

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Mardi 09 Mai 2023

Session Poster 2

Code	Jour	Horaire	Etudiant	Titre
pc1	2	14:00	Besbes Fatma	Electrochemical Aptasensor Based on Chitosan-Pectin Nanoparticles for the detection of Ochratoxin A
pc2	2	14:00	Hamdi Rim	Quantification of the electrophilicity parameter E of a thiophene derivative and structure-reactivity correlations
pc3	2	14:00	Hfaiedh Amira	Synthesis of New Carboheptahelicene Derivatives for Photovoltaic OPV Devices: Combined Experimental, Optical, Electrochemical and DFT-Theoretical Study
pc4	2	14:00	Mabrouk Chama	Development of Electrochemical Sensor Based on Titanium Dioxide Nanoparticles and Molecular Imprinted Film for Detection of Dopamine Compounds
pc5	2	14:00	Alhmadi Hekmat	Chemical profile, antifungal and antibiofilm properties of the aerial parts essential oil of Glycyrrhiza foetida (Desf.) growing in Tunisia
pc6	2	14:00	Mouna Medimagh	Investigations on the non-covalent interactions, drug-likeness, molecular docking and chemical properties of 1,1,4,7,7- pentamethyldiethylenetriammonium trinitrate by density-functional theory
pc7	2	14:00	Djeribi Malek	Synthesis and Structural identification of the novel Strandberg-type polyoxoselenomolybdate
pc8	2	14:00	Wannassi Jacem	Electrochemical study on the stability of new naphthalene-containing species forming complexes with Cu ²⁺ , Pb ²⁺ , Zn ²⁺ , and Cd ²⁺ : comparative studies by different techniques.
pc9	2	14:00	Msahli Asma	Holothuria polii and Sargassum vulgare from Tunisian Seashore, sustainable sources of chondroitin sulfates and bioactive polysaccharides for health and well being
pc10	2	14:00	Fersi Wided	The Extraction of natural dye using scCO ₂ technique from Hypericum Triquetrifolium Turra and the Evaluation of Dyeing properties
pc11	2	14:00	Labiedh Makrem	Synthesis, Characterization, and DFT Modeling of Optoelectronic Properties of New Hexahelicene Derivatives
pc12	2	14:00	Dahech Ikram	A novel electrochemical sensor for determination of Cu(II) based on Chitosan And gC ₃ -N ₄ modified glassy carbon electrode



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pc13	2	14:00	Zgolli Amira	Valorization of agri-food by-products into absorbents used in wastewater treatment.
pc14	2	14:00	Chouaieb Ines	Complexes diazadiènes: Synthèse et application pour la dégradation des polluants organiques en milieux aqueux
pc15	2	14:00	Amamou Ons	INSERTION DE LA RÉACTIVITÉ DE 1,3,5-TRINITROBENZÈNE DANS L'ÉCHELLE UNIVERSELLE N DE MAYR
pc16	2	14:00	Slama Takwa	APPROCHE EXPÉRIMENTALE ET THÉORIQUE DE LA RÉACTIVITÉ DES PYRIDINES SUBSTITUÉES
pc17	2	14:00	Salhi Siwar	Synthesis and Spectroscopic Characterization of a New (Chloro) Meso-aryl porphyrin complex. Crystal structure of $[Fe^{III}(TFPP)Cl] \cdot CH_2Cl_2 \cdot H_2O$
pc18	2	14:00	Mehrez Sirine	Synthesis of new chiral N-carboxylamino acids and Evaluation of their anti-inflammatory activity
pc19	2	14:00	Assel Amine	Development of Schiff base linked 4-hydroxycoumarin: chemosensor for colorimetric detection of metal ions
pc20	2	14:00	Khaldi Rania	Etude cinétique de la réactivité électrophile carbonée des benzothiadiazoles

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Amphi 1		15h30		Remise des prix, des attestations de participation et Clôture
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