Programme BVD '26
25-26 Juin 2026

Jeudi 25/06/2026 - UPF University		
8h30-9h00	**Inscriptions**	
9h00-10h00	**Modérateurs : Pr. Ferdaouss Lakhili , Pr. Ghita Filali Matei**	
	Discours de bienvenue : • **Mr. Le Président de l'UPF University : Pr. Mohammed Aziz LAHLOU** • **Mr. Le Président de l'Université Sidi Mohammed Ben Abdellah: Pr. Mustapha IJJAALI** • **Mr. Le Président de l'Université Moulay Ismail: Pr. Aboubakr BOUAYAD** • **Mr. Le Doyen de la Faculté des Sciences Dhar El Mehraz de Fès: Pr. Mohammed BELKASMI** • **Mr. Le Directeur de l'Ecole Normale Supérieure de Meknès: Pr. Moulay Brahim SEDRA** **Discours officiels :** • **Mr. Le Président du Conseil régional de Fès-Meknès: Mr. Abdelouahed EL ANSARI** • **Mr. Le Maire de la commune de Fès: Dr. Abdeslam BEKKALI**	
10h-10h30	**Présentation du projet innovant de gestion des déchets de Fès : Prix du Bloomberg Philanthropies Mayors Challenge (2026)**	
	Conférencier : Pr. Hakima El Hatri, Vice-présidente du Conseil communal de Fès	**Modérateur : Pr. Akdim Brahim**
10h30-11h00	**PAUSE CAFFÉ**	
11h00-11h45	**CONFÉRENCE PLÉNIÈRE 1 :**	
	Conférencier : Pr. Radouane Mrabet , Professor & Researcher , Mohammed V University, Morocco	**Modérateur : Pr. Tairi Hamid**
	Titre : Cybersecurity, Data Sovereignty, and Legal Challenges of Urban Digital Infrastructures	
11h45-12h30	**CONFÉRENCE PLÉNIÈRE 2 :**	
	Conférencier : Prof. Abdelilah BENYOUSSEF, Professor & Researcher of Physics, Mohammed V University, Rabat, Morocco	**Modérateur : Pr. Najia Es-sbai**
	Titre: First-Principles and Multiscale Computational Engineering of Functional Materials for Hydrogen Generation and Storage	
13h00-14h30	**DÉJEUNER**	
14h30-15h15	**CONFÉRENCE PLÉNIÈRE 3 :**	
	Conférencier: Pr. Zabadi Adil, Professor & Researcher, Mohammed V University, Morocco & Directeur de INAU, Rabat, Maroc	**Modérateur : Pr. Laaouane Mohammed**
	Titre: La ville durable comme horizon de transformation territoriale : innovations, résilience et nouveaux équilibres urbains	
15h15-16h00	**CONFÉRENCE PLÉNIÈRE 4:**	
	Conférencier: Pr. Diani Asmae, Professor & Researcher, Sidi Mohamed Ben Abdellah University, Morocco	**Modérateur : Pr. Larbi Rania**
	Titre: From the Margins to the City: Social Entrepreneurship and Sustainable Urban Development in Morocco	
16h00-16h30	**PAUSE CAFFÉ**	
16h30-18h30	**Sessions Orales: 1,2,3 et 4**	

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Vendredi 26/06/2026 - FSDM		
8h30-9h30	**Modérateurs: Pr. Hicham Amakdouf**	
	Discours de bienvenue : • **Mr. Le Président de l'Université Sidi Mohammed Ben Abdellah** o **Pr. Mustapha IJJAALI** • **Mr. Le Président de l'UPF University :** o **Pr. Mohammed Aziz LAHLOU** • **Mr. Le Président de l'Université Moulay Ismail** o **Pr. Aboubakr BOUAYAD** • **Mr. Le Doyen de la Faculté des Sciences Dhar El Mehraz de Fès** o **Pr. Mohammed BELKASMI** • **Mr. Le Directeur de l'Ecole Normale Supérieure de Meknès** o **Pr. Moulay Brahim SEDRA**	
09h30-10h15	**CONFÉRENCE PLÉNIÈRE 5 :**	
	Conférencier : Pr. Cecilia SZIGETI , Professor of Business Administration, Budapest Metropolitan University, Hungary	**Modérateur : Pr.Halkhams Imane**
	Titre: Analysis Of Timetable Inefficiency And Network Constraints On Passenger Rail Accessibility around Urban Centres in the middle of Europe	
10h15-11h00	**CONFÉRENCE PLÉNIÈRE 6 :**	
	Conférencier : Pr. Fouad Mohammed Abbou, Full Professor, School of Science and Engineering at Al-Akhawayn University, Ifrane, Morocco	**Modérateur : Pr. Omar El Beqqali**
	Titre: Quantum Technologies in the Information Age	
11h00-11h30	**PAUSE CAFFÉ**	
11h30-12h15	**CONFÉRENCE PLÉNIÈRE 7 :**	
	Conférencier : Pr. Ouarahche Driss, Professor & Researcher, Sidi Mohamed Ben Abdellah University, Morocco	**Modérateur : Pr. Ferdaouss Lakhili**
	Titre: Les récentes découvertes de dinosaures dans la région de Boulemane (Moyen Atlas, Maroc)	
14h00-14h30	**DÉJEUNER**	
15h00-16h30	**Sessions Orales: 5 , 6, 7 et 8**	
16h30-16h45	**PAUSE CAFFÉ**	
16h45-18h30	**Sessions Orales: 9 , 10, 11 et 12**	

Programme des sessions orales BVD ‘26

Jeudi 25/06/2026 - UPF University		
Oral Session 1: Smart Buildings, Techniques and Materials		
Chairs : Pr.Omar Dadah, Pr.Mouhcine Ayacine		**Salle Yazami (16h30 -18h30)**
1	A Physically-Based Reduced-Order Model for Nonlinear Hysteretic Behavior of Elastomeric Bridge Bearings	El Modafar balsam, Dadah omar
2	Optimization of Gypsum-Based Plasters: Influence of a Cal-cium Carbonate Based Admixture on the Performance of "Plâtre ATLAS"	Bouhayek achraf, Cherkaoui khalid
3	Optimize the energy consumption of a smart household with K-means and deep learning	El Loulidi manal,l Mallahi mostafa
4	Tensile Strength Retention in GFRP Bars for Durable and Environmentally Sustainable Infrastructure: A Literature-Based Database Analysis	Zouagho hajar, Dadah omar, Aalil issam
5	LEVERAGING PORT MARKETING 9PS FOR STRATEGIC TERRITORIAL ADVANTAGE	Adarrab abdelhamid, Mamad mohamed
6	Rethinking Territorial Attractiveness Through the PACS Framework: A Conceptual Theory-Extension Perspective	Adarrab abdelhamid, Mamad mohamed
7	AI-Driven Framework for Renewable Energy and EV Integration in Smart Grids	El Alami khadija, Bounoua zineb
Oral Session 2: Renewable Energy and Sustainable Development for Cities		
Chairs : Pr. Zineb BOUNOUA, Pr. Mehdi ELKHATTABI		**Salle E3 (16h30 -18h30)**
1	Adaptive Multi-Objective IoT Management with Real-Time Anomaly Detection: Architecture, Implementation, and Valida-tion on the ATHENA IoT Platform	Jabeur reda , Tahiri hamza , Ouazzani Jamil mohammed
2	Hybrid Bioclimatic Envelope Design for Affordable Housing in Tropical Africa: Bridging Traditional Knowledge and Modern Engineering	Edou gabriel Yves Francis Victoire , El Khattabi el Mehdi, Bounoua zineb and all.
3	Multi-Objective Framework for Optimal Planning of Renewa-ble Hybrid Microgrids Under Voltage-Dependent Load Models and Cyberattack Scenarios	Mchirgui nabil , Ahmed lakhssassi, Kraiem habib, Quadar nordine
4	Digital Twin-Based Modeling of a Sustainable Green Hydrogen System	Bouayad hajar , Sabor jalal
5	Does the integration of ESG criteria improve banking performance? A qualitative study in the Fez-Meknes region	Diouri Chaimae; Benomar Ikram; Hoedegbe Mawouto
6	Improving the electrochemical efficacy of $Na_4MnV(PO_4)_3$ NASICON cathodes via TiO_2 coating for sodium-ion batteries	En-Nabety ghizlan , Es-Sehli safiya, Alcántara ricardo, Essehli rachid, Taleb mustapha
7	Analysis and Extraction of Data from a Photovoltaic System for Configuring an MPPT Controller Using Fuzzy Logic	Choubane sami , Barakate ahmed Amine , Wahbi azeddine , Hadjoudja abdelkader
8	Context-Aware Multi-Objective IoT Management for Smart Homes: Energy Prediction, Anomaly Detection, and Adaptive Security on the ATHENA Platform	Jabeur reda Tahiri hamza , Sayyouri mhamed , Qjidaa hassan, Mohammed ouazzani-Jamil
9	Energy Load Forecasting via Meta-Learning and Generative Augmentation in Hierarchical Federated Learning	Ouardirhi fatima Zahra , Harmouch fatima Zahra, Berrahou aissam
10	Solar Irradiation Forecasting Using Machine Learning for Grid Stability Analysis	El Alami khadija , Bounoua zineb

Jeudi 25/06/2026 - UPF University		
Oral Session 3: Smart Technologies, Artificial Intelligence and Urban Regeneration		
Chairs : Pr.Saloua SENHAJI, Pr.Naoual BOUKIL		**Salle biblio 1 (16h30 -18h30)**
1	Hybrid Framework for Accurate SOC Estimation under Multi-Rate Charging and varoius temperature Conditions	Garba Chipkao mahamadou Roufai ,Imane halkhams, Motahhir saad, El Fallah saad
2	IFC-to-Image for BIM Intrusion Detection: A ML Approach for Malware Identification in Building Information Models	Benmerieme ikbal, Senhaji saloua, Dahdah omar
3	Non-invasive and high-performance method capable of crossing the clinical stage to define EGFR mutation status in patients with untreated small cell lung adenocarcinoma (NSCLC).	Anass Benfares; Abdelali Yahya Mourabiti; Badreddine Alami; Mustapha Maaroufi; Hassan Qjidaa
4	Optimized Design of Dual Fractional-Order PID Controllers for Autonomous Underwater Vehicle Depth and Heading Tracking	Hamza Tahiri; Ahmed Bencherqui; Mohammed Ouabdou and all.
5	Optimizing Urban Logistics through Artificial Intelligence : Challenges and Perspectives	Fadwa Amraoui; Fatima-Zahra Fagroud and all.
6	Probabilistic Black-Box Integrity Verification of AI Models in Smart Building Energy Systems: A Statistical Hypothesis Testing Framework	Tarik Hajji; Youssef Douzi; Mohamed Hosni; Tawfik Masrour
7	Rethinking Smart and Sustainable Cities in the Global South: A Multidimensional Characterization Model from Benguerir	Mamouni Alaoui charifa
8	Smart technology interfaces for ERP-Lean sustainability: From SMEs to large enterprises	Fatima-Zahra Fagroud; Fadwa Amraoui; Bouchra Aiboud Benchekroun
9	Software Engineering Assessment in the Age of Generative AI: Challenges, Approaches, and Perspectives	Belghini naouar ,Bellarhmouch youssra, Boukil naoual
10	Stabilized Deep Q-Network with Target Network Synchronization, Reward Shaping, and Vectorized Experience Replay for Autonomous Agent Navigation	Tarik Hajji; Youssef Douzi;
Oral Session 4 : Smart Embedded Systems and Applications		
Chairs : Pr. Imane HALKHAMS, Pr. Saad Motahhir		**Salle biblio 2 (16h30 -18h30)**
1	An Embedded Energy Management Framework for Smart EV Charging in Urban Environments	Khechchab Adam; Senhaji Saloua
2	Cross-Dataset Generalization of Lightweight CNNs for Brain Tumor Classification via Domain Adaptation	Mohammed Amine Khachchab; Senhaji Saloua and all.
3	Design of a very low power temperature sensor in 65nm CMOS technology	Mounir Ouremchi; Karim El Khadiri and all.
4	Design of a voltage-controlled oscillator with current-starved topology in 90nm CMOS technology	Abderrahim Zahri; Mounir Ouremchi; Abdelamin Diani and all.
5	Efficient Design of Transformer-less Grid Connected PV Inverters for Single-Phase Photovoltaic Systems	Abderrahim Zahri; Mounir Ouremchi; Abdelamin Diani and all.
6	Encryption Image using Two Chaotic Maps and Double DNA Encoding	Ahmed El Maloufy; Mohamed Amine Tahiri and all
7	Proposed embedded control of a dual input Buck-boost charger with Integrated CC/CV MPPT mode for power density optimization	Abdelamin Diani; Ismail Boumedra; Abderrahim Zahri; Mohamed Jamil Ouazzani; Hassan Qjidaa
8	Machine Learning-Based Intrusion Detection System for In-Vehicle CAN Bus	Imane Halkhams; Saad Motahhir; Hakim El Fadili
9	Sustainable Smart Healthcare: A Cloud-Driven Multi-Agent Multi-Agent Systems for Smart Healthcare:Insights and Challenges	Boukil naoual,Belghini naouar , Saloua Senhaji and all.

Vendredi 26/06/2026 - FSDM		
Oral Session 5: Cultural Heritage and Sustainable Development, Cities and Education		
Chairs : Pr.Jawad KHARBACH,Pr.Sellam MAGHNOUJ		**Salle 1 (15h00-16h30)**
1	A Comparative Analysis of the Financial Performance of Participatory Banks and Conventional Banks: Implications for Green Entrepreneurship and Sustainable Development	Hamza Sadad Lachheb; Ikram Benomar
2	Internationalization of the Moroccan Zellige: A Systematic Literature Review Using the PRISMA Method	Zineb Idlkadi; Ibtissam Jabrane; Aboubakr Sabiri; Brahim Akdim
3	Marketing and Consumers' Purchase Intention in Green Products: A Bibliometric and Systematic Review	Nada Achoukhi; Meryem Akesbi
4	An Intelligent Architecture for Learning Urban Sustainability through AI and Scenario-Based Simulation	Youssra Bellarhmouch; Hajar Majjate; Adil Jeghal; Hamid Tairi; Nadia Benjelloun
5	Driving Sustainability in Africa: The Evolution, Challenges, and Research Opportunities of ESG Adoption	Diouri Chaimae; Benomar Ikram; Hoedegbe Mawouto
6	Rethinking Urban Valleys In The Flood Risk Prevention Process In Morocco: The Experience Of The Fes Metropolitan Area	Zineb Idlkadi; Ibtissam Jabrane; Aboubakr Sabiri; Brahim Akdim
7	Quantifying the Spatiotemporal Trends of Urban Sprawl Among the Northern periphery of Salé city, Morocco Via Spatial Metrics	Fatima Zahra Lakhdar; Aboubakr Sabiri; Mohamed Laaouane
Oral Session 6: Smart Entrepreneurship, Management and Development Economics for Sustainable Cities		
Chairs : Pr. Ghita FILALI MATEI,Pr. Meryam AKSBI		**Salle 2 (15h00-16h30)**
1	Artificial Intelligence and Information Quality in Management Control: Evidence from ESG Data	Berrada Fatima Zahra; Hodegbe Mawouto
2	Artificial Intelligence for Resilient Hospital Pharmaceutical Logistics: A PRISMA-Guided Scoping Review and Comparative Perspective on GST and GHT Models	Lamou Mouhammed; Elhiri Mariam; Rajiz Othmane
3	Assessing Mutual Fund Performance through Volatility Measures: Insights for Sustainable Finance and Urban Development	Bouzidi Douae; Benomar Ikram
4	Contributions of Artificial Intelligence to the Resilience of Hospital Pharmaceutical Logistics: A Systematic Review and Comparative Analysis of AI Integration Capacities in the GST (Morocco) and GHT (France) Models.	Lamou Mouhammed; Elhiri Mariam; Rajiz Othmane
5	Entrepreneuriat intelligent et développement des villes durables au Maroc : Cas de la ville de Fès	Alaoui Nada; Ababou Mariame; Hoedegbe Mawoto
6	ESG Risk in Infrastructure-Intensive Sectors: Financial Dynamics and Implications for Sustainable Buildings and Cities	Boussetta Marwane; Ababou Mariame
7	Performance and Transparency in Public Procurement for Sustainable Infrastructure Projects:A Multi-Criteria Assessment of Nine Moroccan Public Contracts (2024–2025)	Maria Rechag; Salma Zagouri; Mohamed Amine Errochdi
8	Risk Prediction in Financial Markets Using Deep Learning: Implications for Sustainable cities : A Systematic Review	Manal Bensouda-Korachi
9	Scaling Up and Sailing Forward: The Dynamic Balance of Innovation Capacity in Startups' Growth Path	Sara Diop
10	The Role of Artificial Intelligence in Risk Detection, Assessment, and Analysis in Smart Cities	Boutahir Omar; Lahlou-Kassi Habiba

Vendredi 26/06/2026 - FSDM		
Oral Session 7: AI, IoT and Smart Infrastructure for Sustainable Cities		
Chairs : Pr.Oussama LAZAAR, Pr.Naouar BELGHINI		**Salle 3 (15h00-16h30)**
1	A HYBRID IRIS BIOMETRIC RECOGNITION FRAMEWORK USING MULTI-FEATURE EXTRACTION AND DEEP LEARN-ING	Louriga zine Eddine
2	A Hybrid Machine Learning-Integer Programming Framework for the Generalized Assignment Problem	Majdoub soufyane
3	Advanced Cybersecurity for Critical Infrastructure and In dustrial Control Systems (ICS): A Literature Review	Garba Maidagi sanoussi
4	AI-Assisted Pulmonary Nodule Segmentation for Sustainable Digital Health: A Comparative Patient-Wise Evaluation of U-Net-Based Architectures on Real-World Clinical CT Images	Ouardi nasma, Samouh ikrame, Benfares anass, Qjidaa hassan
5	AI-Based Modeling of Urban Expansion and Agricultural Land Consumption for Sustainable Urban Planning: Evidence from Azrou, Morocco	Bendaoud rkia, El Mouloudi m'hamed
6	Autonomous Lung Nodule Segmentation via Optimized VGG16-U-Net: Clinical Validation on Real-World CT Data from CHU Hassan II, Fez	Ouardi nasma, Samouh ikrame , Benafres anass, Qjidaa hassan
7	Chaos-Enhanced Archimedes Optimization for Robust 2D/3D Medical Image Processing and Signal Reconstruction	Bencherqui ahmed , Tahiri hamza , Tamimi mohammed and all.
8	Classification of building cracks via fractional moments for IoT	Sidi Yassine Idrissi; Mohamed Amine Tahiri and all.
9	Comparative Analysis of EfficientNet and Swin Transformer for Binary and Multi-Class Skin Lesion Classification	Hosni nouhaila , Aboussaleh ilyasse, Oulhadj mohammed and all.
10	Comparative Study of Hybrid and Conventional Deep Learning Models for State of Health Estimation of Lithium-Ion Batteries	Saad El Fallah; Mohamed Benkhali; Mohamed Iken and all.
Oral Session 8: Supply Chain Digitalization in Industry 4.0 and Environmental Sustainability		
Chairs : Pr. Meryem ELHIRI , Pr. Rania LARBI,Pr.Ikram BENOMAR		**Salle 4 (15h00-16h30)**
1	Blockchain for Sustainable Supply Chain Management in Urban Construction: A Systematic Literature Review	Rajiz Othmane; El Hiri Mariam; Lamou Mouhammed
2	Blockchain-Enabled Supply Chain Transparency for Sustainable Urban Construction: A Framework for Smart City Infra-structure in Morocco	Rajiz Othmane; El Hiri Mariam; Lamou Mouhammed
3	Industry 4.0 for a digital and sustainable supply chain	Souhaila Janati Idrissi; Mohamed Amine Errochdi; Taoufiq Yahyaoui
4	Performance and Strategic Determinants of the Automotive Industry in Morocco: An Empirical Approach	Hai Ikrame; Larbi Rania
5	Twin transition through the adoption of IOT technologies: systematic review analysis and practical use case in the maritime fishing sector.	Jalila Bennouri; Khadija Menguit
6	Finance Digitale, Transparence et Développement Urbain Durable au Maroc : Apports de la Blockchain	Snoussi Amouri Abdessamad
7	Sustainable Optimization of Hospital Pharmaceutical Inventory to Reduce Stockouts and Expiration Waste : A Case Study	El Aouane Nada; Hoedegbe Mawouto; Sbai Abdenabi

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Vendredi 26/06/2026 - FSDM		
Oral Session 9: Digital Innovation in Healthcare Services and Urban Well-being		
Chairs : Pr.Brahim AKDIM, Pr.Abdelghni HOUARI		**Salle 1 (16h45-18h30)**
1	A Metaheuristic-Optimized SplitFed Learning Framework with Hybrid CNN-Transformer Architecture for Real-Time Disease Detection in Smart City Healthcare	Abdelkhalek Haddany; Qjidaa Hassan; Brahim Aksasse; Mohammed Ouanan
2	Automatic Pneumonia Detection using Deep Learning	Ikrame Samouh; Nasma Ouardi; Hassan Qjidaa; Anass Benfares
3	Evaluating Hospital-Ready Deep Learning for Chest X-ray Pneumonia Screening in Smart Care Settings	Mohammed Rahmouni Hassani; Mohammed Ouanan; Brahim Aksasse; Hassan Qjidaa
4	Intelligence Artificielle et Marketing Digital Territorial : Vers une Attractivité Responsable et une Sobriété Informationnelle dans la Régénération Urbaine Durable	Hamza El Hamdaoui
5	One size does not fit all: Towards a context-sensitive governance framework for smart cities across developed and developing economies	Akesbi Meryem; Ibn Majdoub Hassani Mohammed Aimane
6	Selective Digital Medical Image Encryption using DNA Coding AND Decoding	Ahmed El Maloufy; Hicham Karmouni and all.
Oral Session 10: Cities, Mobility and social inclusion		
Chairs : Pr. Karima QORCHI, Pr.Mohammed LAAOUANE		**Salle 2 (16h45-18h30)**
1	Barriers to SME Engagement in Energy Transitions: Evidence from Morocco	Azzine leila, El Khattabi el Mehdi, Zouini mohammed, Ouazzani Jamil mohamed
2	Gouvernance spatiale face au tournant numérique : vers une transformation inclusive des territoires La Smart City de Tanger	Boughaba abdesselam, Azeroual sofia , Mouhcine ayacine , Akdim brahim
3	Green spaces and social inclusion in urban peripheries Northeast of Fez (Morocco)	Elhabriri houssam
4	Reconceptualizing Territorial Resource Sustainability in Morocco: A Strategic Framework for Circular Economic Transition	Filali Matei ghita
5	Socio-Economic Impact Evaluation of Affordable Housing Programs in Morocco: Evidence from a Propensity Score Matching Approach	Ouddach amal , Mamdouh tlaty , Errochdi mohammed Amine
6	"Nonprofit Organizations and Health Services: What Role Do They Play in Achieving Urban Inclusion?"	Boudad kawtar
7	The contribution of GIS to the modeling of urban expansion: The case of the medium-sized city of Sidi Slimane (Morocco).	Qorchi Karima; Ayacine Mouhcine; Akdim Brahim
8	Conception des jardins urbains mobiles, durables et intelligents dans les quartiers périphériques (cas de la ville de Fès)	Elhabriri houssam
9	The isochrone-based model for urban mobility and planning: an application to services equity in Fez (Morocco).	Lakhdim imad, Akdim brahim, Sabiri aboubakr, Sabouny abdessamad, Akdim hamid
10	Development of an intelligent driving licence centre	Ayacine mouhcine , Garba Chipkao mahamadou Roufai

Vendredi 26/06/2026 - FSDM		
Oral Session 11: Machine Learning, Big Data and Smart Urban Transformation		
Chairs : Pr.Hicham AMEKDOUF, Pr.Mhammed SIYOURI		**Salle 3 (16h45-18h30)**
1	Comparing PPO and GRPO for Network Intrusion Detection: A Reinforcement Learning Approach	Elghissassi.a, Fahfouh .a and all
2	Contextual and Actionable Association Rule Mining for Intel-ligent Energy Management of Urban Buildings	Essalmi .h, El Affar .a, Qjidaa .h
3	Conversational Personalization and Predictive AI in Smart Urban Service Platforms: A Literature Review of Trust, Satisfaction, and Continuance Intention	Karman charaf Eddine
4	CriMob: An Integrated Pipeline for Assessing and Visualizing Urban Mobility in Crisis Situations.	Andriamaniraka maeva, Azough ahmed
5	Design of a 180nm CMOS Li-Ion Battery Temperature Sensor Optimized by Genetic Algorithm	Mamouni .h, El Khadiri.k and all.
6	Energy Load Forecasting via Meta-Learning and Generative Augmentation in Hierarchical Federated Learning	Ouardirhi fatima Zahra , Harmouch fatima Zahra, Berrahou aissam
7	Enhancing Urban Infrastructure Resilience: A Fractional Mo-ments-Based IoT System for Automated Building Crack Clas-sification.	Tahiri mohamed Amine , Bencherqui ahmed , Tahiri hamza and all.
8	Evaluating Lightweight Ensemble Learning Models for Mitigating DDoS Attacks in Smart City IoT Networks	Loughmari .m , El Affar .a, Qjidaa .h
9	From Traditional Control to Intelligent Governance: AI as a Lever for Sustainable Urban Management	Radi chama
10	Hybrid CNN–Transformer Architecture for Liver CT Image Segmentation	Rebbane kawtar
Oral Session 12: Intelligent Systems and Digital Innovation for Smart Communities		
Chairs : Pr.Hamid TAIRI, Pr.Jamal RIFFI		**Salle 4 (16h45-18h30)**
1	Structural, Electronic, Magnetic, and Phase Transition of $Fe_{50}Ni_{50}$ Permalloy Alloy: An Investigation Using DFT and Monte Carlo Methods	Benkhali mohamed, El Fallah saad, Kharbach jaouad and all.
2	State of Health Estimation of Lithium-Ion Batteries Using a Hybrid CNN-TCN Deep Learning Model	M.Iken; S.El Fallah; J.Kharbach; m.Ouazzani Jamil
3	The Connected Urban Organism: Toward Systemic and Real-Time Management of African Metropolises for Adaptive Sustainability	Berramdane karim , Laaouane mohamed and all.
4	The Imbalance Dataset for Multi-Class IoT Intrusion Detection using Deep Learning	El Azhar khalid, El Malki brahim and all.
5	The most commonly used batteries and their degradation phenomena: An overview	Garba Chipkao .m, Halkhams, Motahhir
6	Toward Trustworthy Autonomous AI-Driven Penetration Testing: A Human-Governed Multi-Agent Framework for Offensive Security and SOC Validation	Daab Jihad; Imane Halkhams; Naoual Boukil; Hassan Qjidaa
7	Towards Marker-Free Intelligent Monitoring of Compliant Robotic Grippers: Zero-Annotation Fault Classification	Alalou nassime , El Affar anass, Qjidaa hassan
8	Transfer Learning-Based SAR Image Segmentation for Water Body Detection: A Comparative Study with HSBA Using NDWI as Optical Reference	Kzadri marwane , Cardillo franco Alberto, Chahinian nanée and all.
9	UniOrient-UPF: A Multilingual Conversational Assistant for Academic Orientation.	Farah Mohamed .a, Belghini .n and all.
10	VBTS-Net : An Automated Stacking Deep Learning Model with Decision-Level Fusion for Volumetric Brain Tumor Segmentation from Multimodal MRI	Benfares anass