

**Session 1: Next-Generation Networking and Enablers (Chair: Mohamed Sadik)**

1571027082	Nouran Mohamed Zaghlool Arafat (German University in Cairo (GUC), Egypt); Engy Aly Maher and Ahmed E. El-Mahdy (German University in Cairo, Egypt); Falko Dressler (TU Berlin, Germany)	Multi-User Fairness in Reconfigurable Intelligent Surface Assisted mmWave MIMO-NOMA System
1571019815	Amavi Dossa (Mohammed VI Polytechnic University, Morocco); Halima Elbiaze (University of Quebec at Montreal, Canada); Essaid Sabir (TELUQ University & University of Quebec, Canada)	Risk-Aware Grant-Free for B5G/6G Ultra-Reliable Low-Latency Communications
1571024459	Latif U. Khan (Mohamed Bin Zayed University of Artificial Intelligence, United Arab Emirates); Mohsen Guizani (MBZUAI, United Arab Emirates); Haejoon Jung (Kyung Hee University, Korea (South)); Mohamed Adel Serhani (University of Sharjah, United Arab Emirates)	A Sampling and Communication Framework for Synchronization in Metaverse
1571034554	Samar Chebbi (Université de Limoges, France); Oussama Habachi, Vahid Meghdadi and Jean Pierre Cancès (University of Limoges, France)	Delay-Based User-Clustering for Critical mMTC MIMO-NOMA Networks

## Session 2: AI-Native Sustainable Communications (Chair: Mohamed Elkamili)

1571014948	Lhoussaine Daoudi (FST, Sultan Moulay Sliman University, Morocco); Hamid Garmani and Baslam Mohamed (University of Sultan Moulay Slimane, Morocco)	QoS-Constrained Profit Maximization for Primary Users in Competitive Cognitive Radio Networks
1571025653	Brahim Zraibi and Mohamed Mansouri (Hassan First University of Settat, Morocco); Mohamed Massour El Aoud (Ensa Khouribga, University Sultan Moulay Slimane, Morocco)	Advancing Lithium-Ion Battery Prognostics: A Novel Deep Learning Framework for Enhanced SOH and RUL Prediction Accuracy
1571027112	Jehanzaib Nasim Javed, Mohsin Khalil, Syed M. Kazam Abbas Kazmi and Muhammad Saad (National University of Sciences and Technology, Pakistan)	Predictive Analytics in Cognitive Radios: Neural Network Based Approach for Spectrum Sensing
1571032877	Farooq Taha Mohammed (Ninevah University, Iraq); Safwan Younus (University of Nineveh, Iraq); Khalil Hassan Sayidmarie (Ninevah University, Iraq)	Performance Evaluation of a Hybrid VLC-RF System for Dense Communication Areas

**Session 3: Verticals and Pervasive Services (Chair: Wafa' AlAlaween)**

1571028768	Hamza Ettakifi (University Ibn Tofail, Morocco); Said Tkatek (Ibn Tofail University, Morocco)	Artificial Neural Network (ANN) and Genetic Algorithm (GA) Hybrid Method to Enhance the Prediction of Brain Tumors Cancer
1571016652	Amina Aboulmira and Hamid Hrimech (Hassan First University of Settat, Morocco); Mohamed Lachgar (University of Chouaib Doukkali, Morocco); Hafsa Benzzi (Icahn School of Medicine - Mount Sinai Hospital, Morocco)	Leveraging Contrastive Learning for Enhanced Skin Diseases Classification
1571025000	Wafa' H. AlAlaween (The University of Jordan, Jordan); Abdallah H. Alalawin (The Hashemite University, Jordan)	The Readiness of the Healthcare Sector in Jordan to Adopt the Internet of Things
1571013976	Aweve Bassene (University Cheikh Anta Diop of Dakar, Senegal); Bamba Gueye (Université Cheikh Anta Diop de Dakar, Senegal)	A Low Positive Rate Attendant for Sickle Cell Anemia Screening in Health and Medicine
1571032957	Amine El hossi, Abdelali El moufidi and Mourad Nachaoui (Sultan Moulay Slimane University, Morocco)	Modified U-Net Architecture Using Fundus Images for Hemorrhages Semantic Segmentation

### Session 4: Ambient Intelligence and Internet of Things (Chair: Aicha Aguezzoul)

1571018488	Fouad Agramelal (ENSEM, Morocco); Mohamed Sadik (ENSEM); Soumia Mouloudi (ENSEM); Youssef Moubarak (ENSEM); Saad Abouzahir (Mohamed Bin Zayed University of Artificial Intelligence, UAE)	Nightwatch With YOLOv8: Real-Time Vehicle Detection and Speed Analysis for Safer Roads
1571012932	Bilal Abdellaoui (The Higher National School of Electricity and Mechanics (ENSEM), University Hassan II (UH2C), Morocco); Saâd Lissane elhaq (Université Hassan 2, Morocco); Mohamed Sadik (ENSEM, Morocco)	Towards Smart Ports: Design and Prototyping of an IoT-Based Ship-Generated Oily Waste Collection System
1571026193	Youssef Ibnatta (National High School of Electricity and Mechanics Hassan II University, Morocco)	Mobile Localization for Indoor Services: Transitioning From Proof of Concept to Real-World Experimentation
1571026476	Doha Bakir (University Hassan II, Morocco); Zouhair Chiba (FSAC, Hassan II University of Casablanca, Morocco); Noredine Abghour and Khalid Moussaid (LIMDAS Labs, Hassan II University of Casablanca, Morocco); Abdellah Ouaguid (Hassan II University, Casablanca)	In-Depth Exploration of the Present Research Status on Smart Cities
1571030151	Ghita Ikmel (University Sidi Mohamed Ben Abdellah, Morocco); Najiba El Idrissi El Amrani (University of Sidi Mohamed Ben Abdellah, Morocco)	Performance Analysis of YOLOv5, YOLOv7, YOLOv8, and YOLOv9 on Road Environment Object Detection: Comparative Study

## Session 5: Verticals and Pervasive Services (Chair: Abdellatif Kobbane)

1571032647	Ayman Mazzouz (Sultan Moulay Slimane University, Morocco); Abdelali Elmoufidi (Sultan Moulay Slimane University, Morocco & Hassan II University of Casablanca, Morocco); ANOUAR HASBAOUI and Mohamed ERRITALI (Sultan Moulay Slimane University, Morocco)	Predicting the Moroccan Stock Market Using LSTM Networks: An Evaluation of MASI as Indicator
1571028726	Abdelkrim Saouabe (IbnTofail University, Morocco & AKKODIS, France); Said Tkatek (Ibn Tofail University, Morocco); Hicham Oualla and Imad Mourtaji (AKKODIS, France)	Image Indexing Approaches for Enhanced Content Based Image Retrieval: An Overview
1571029792	Oussama Chabih (University of Hassan II & Ensem, Morocco); Sara Sbai (ENSEM Hassan II University Casablanca, Morocco); Mohammed Reda Chbihi Louhdi (Hassan II University, Morocco); Hicham Behja (EMAS team, LRI Laboratory, Morocco)	Transforming Graph-Oriented Databases Into OWL 2 Ontologies
1571030890	Oussama Chabih (University of Hassan II & Ensem, Morocco); Sara Sbai (ENSEM Hassan II University Casablanca, Morocco); Reda Chbihi (EMAS team, LRI Laboratory, Morocco); Hicham Behja (ENSEM, Morocco)	Unraveling the Parameters of K-Means Clustering for Enhanced Textual Analysis

## Session 6: Mobile Edge/Cloud Computing (Chair: Ousama Habachi)

1571028716	Amar Almaini (Deggendorf Institute of Technology, Germany & Edinburgh Napier University, United Kingdom (Great Britain)); Tobias Koßmann, Jakob Folz, Martin Schramm and Michael Heigl (Deggendorf Institute of Technology, Germany); Ahmed Y Al-Dubai (Edinburgh Napier University, United Kingdom (Great Britain))	Integrating Reality: A Hybrid SDN Testbed for Enhanced Realism in Edge Computing Simulations
1571026356	Hicham Ben Alla and Said Ben Alla (University Hassan 1, Morocco); Abdellah Ezzati (FST SETTAT, Morocco)	Priority-Driven Task Scheduling and Resource Allocation in Cloud Environment
1571029032	Abdellah AMZIL (Hassan First University, Morocco); Taoufyq Elansari (Moulay Ismail University, Morocco); Mohamed Hanini (Settat, Morocco); Abdellah Zaaloul (Hassan First University, Morocco)	Optimizing Resource Allocation in 5G Networks: An Integrated Approach With Mobile Edge Computing, Network Slicing
1571026602	Wissal Attaoui (Hassan II University of Casablanca, Morocco); Essaid Sabir (TELUQ University & University of Quebec, Canada)	Multi-Criteria Virtual Machine Placement in Cloud Computing Environments: A Literature Review
1571026951	zakariaa jamal and Fatima Lakrami (Chouaib Doukkali University, Morocco); Hind Sounni (University Chouaib Doukkali, Morocco); Mohamed El Kamili (Higher School of Technology, Hassan II University, Morocco); Abdellatif Kobbane (ENSIAS, Mohammed V University in Rabat, Morocco); Youssef Baddi (Rabat, Morocco)	Examining the Effects of DDoS Attacks on SDN Architectures: Experimental Study

## Session 7: Security and Privacy (Chair: Khalil Ibrahim)

1571017412	Sara Barj (National Institute of Posts and Telecommunications, Morocco)	CP-ABE-LWE-Based Smart Contract: A Novel Post-Quantum Smart Contract-Based Decentralized Application (DApp) for E-Health Records Management
1571035344	Amal Sayari (University of Carthage, Tunisia); Slim Rekhis (University of Carthage & Communication Networks and Security Research Lab., Tunisia); Ali Mabrouk (SAMA PARTNERS, Tunisia)	A Game-Theoretic Approach With Decoy Qubits for Quantum Superdense Coding Security
1571028586	Abdelhadi Rachad and Gaiz Lotfi (ESTC - Hassan 2 University of Casablanca, Morocco); Khalid Bouragba (Higher School of Technology. University of Hassan II, Morocco); Ouzzif Mohammed (Higher School of Technology. University of Hassan II - Casablanca-Morocco, Morocco)	Sending and Receiving Secure Email Based on Blockchain
1571027693	Sara Barj (National Institute of Posts and Telecommunications, Morocco)	Novel Provably Secure and Quantum Resistant Message Authentication Codes (MACs) and Their New Related LWE-Based Key Exchange Protocols (KEPs)
1571029331	Adil Attiaoui and Abdellatif Kobbane (ENSIAS, Mohammed V University in Rabat, Morocco); Marwane Ayaida (University of Reims, France)	Securing University Diploma Management Through Blockchain and InterPlanetary File System