

General Program

Wednesday October 26, 2016		
08:00 – 09:00	Registration	
09:00 - 10:30	<i>Welcome reception: Official Opening</i>	
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Keynote 1: Prof. Rachid El-Azouzi , University of Avignon, France Title “Bitrate Adaptation for HTTP Adaptive Video Streaming” Session Chair: Prof. Azzedine Boukerche , University of Ottawa, Canada	
12:15 – 13:45	Lunch Break	
14:00 --15:00	Keynote 2: Prof. Latif Ladid , University of Luxembourg, Luxembourg Title “Impact of IPv6 on today’s networking, IoT, SDN-NFV and Cloud, Fog Computing and 5G ” Session Chair: Prof. Erradi Mohammed , ENSIAS/Mohamed V University of Rabat, Morocco	
15:00 – 16:00	<i>WNMC-1</i> (Room 2)	<i>NABT-1</i> (Room 1)
16:00 – 16:30	Coffee Break	
16:30 – 18:00	<i>WNMC-2</i> (Room 2)	<i>PMLF-1</i> (Room 3)
Thursday October 27, 2016		
08:00 – 08:30	Registration	
09:0 - 10:00	Keynote 3: Prof. Izzat Darwazah , Department of Electronic & Electrical Engineering University College London Title “ New communications physical layer paradigms; sacrificing orthogonality for spectral efficiency” Session Chair: Prof. Rachid El-Azouzi , University of Avignon, France	
10:00 – 10:30	Coffee Break	
10:30– 11:30	<i>WNMC-3</i> (Room 2)	<i>NABT-3</i> (Room 1)
11:30 – 13:00	<i>PMLF-2</i> (Room 2)	<i>NABT-4</i> (Room 1)
13:00– 14:30	Lunch Break	
15:00 – 18:00	Tour: Old city of Fez	
20:00 – 23:00	Gala Diner	

Friday October 28, 2016		
08:30 – 9:00	Registration	
08:45 – 12:45	Tutorial: Prof. Khalid Qaraqe, Imran S. Ansari Texas A&M University at Qatar (TAMUQ) and Nurul H. Mahmood , Aalborg University, Aalborg, Denmark. Title “Full duplex communication for 5G: Challenges, Opportunities and Applications” (1/2)	
	Session Chair: Prof. Mounir Ghogho , University of Leeds, UK & UIR, Rabat Morocco	
	Title “Full duplex communication for 5G: Challenges, Opportunities and Applications” (2/2)	
12:45 -- 14:45	Lunch Break / Prayer	
15:00 – 16:45	GCS & IoT-2 (Room 2)	NABT-5 (Room 1)
		PMLF-3 (Room 3)
17:00-- 18:00	Closing session	

Tracks

- I- WNMC: Wireless Networks and Mobile Communication
- II- PMLF: Physical and Mac Layers Fundamentals
- III- NABT: Network Applications and Breakthrough Technologies
- IV- GCS & IoT: Green Communication for Smart Cities & IoT

SESSIONS

Wednesday October 26, 2016

15:00 -- 16:00

WNMC-1(Room 2) - **Session Chair:** Mohamed Amine Koulali, University of Mohamed I, Morocco

1570293422	Dhafer Ben Arbia, Muhammad Mahtab Alam, Rabah Attia and Elyes Ben Hamida "A Novel Multi-hop Body-to-Body Routing Protocol for Disaster and Emergency Networks"
1570292699	Mariame Amine, Abdellaziz Walid, Omar Ait oualhaj and Abdellatif Kobbane "Matching Game for Green Uplink in Hyper Dense LTE HeTNets"
1570289589	maroua drissi, Mohammed Oumsis and Driss Aboutajdine "VIKOR for Multi-Criteria Network Selection in Heterogeneous Wireless Networks"

NABT-1 (Room 1) - **Session Chair:** Jalel Ben-Othman, University of Paris 13, France

1570292988	Francesco De Pellegrini, Antonio Massaro, Leonardo Goratti and Rachid El-Azouzi "A Pricing Scheme for Content Caching in 5G Mobile Edge Clouds"
1570292946	Imad El Ghoubach, Fatiha Mrabti and Rachid Benabbou "Efficient Secure and Privacy Preserving Data Access Control Scheme for Multi-Authority Personal Health Record Systems in Cloud Computing"
1570292643	Raja Ettiane, Abdelaali Chaoub and Rachid El kouch "Enhanced Traffic Classification Design Through a Randomized Approach for more Secure 3G Mobile Networks"

GCS & IoT-1(Room 3)-**Session Chair:** Mohamed Erradi, University of Mohamed V, Morocco

1570284361	Chaimaa Essayeh, Mohammed Raiss El Fenni and Hamza Dahmouni "Load Management Strategy For An Off-Grid Switched Mode in Smart MicroGrid Systems"
1570292957	Ayoub Arroub, Bassma Zahi, Essaid Sabir and Mohamed Sadik "A Literature Review on Smart Cities: Paradigms, Opportunities and Open Problems"
1570293098	Kaoutar Ourouss, Najib Naja and Abdelah Jamali "Mobility Based Investigation of Load Balancing and Energy Efficiency of MANets Routing Protocols"

16:30 -- 18:00

WNMC-2(Room 2)- **Session Chair:** Essaid Sabir, University of Hassan II, Morocco

1570293077	Ayoub Bouroumine, Abdelilah Maach and Mustapha Zekraoui "Enhancement To The Ad-hoc On-demand Distance Vector Routing Protocol For Vehicular Communications In A Smart City"
1570292685	Mesbahi Nabil and Hamza Dahmouni "Delay and Jitter Analysis in LTE Networks"
1570270448	El Arbi Abdellaoui Alaoui, Agoujil Said, Hajar Moha and Qaraai Youssef "Improving the Data Delivery Using DTN Routing Hierarchical Topology (DRHT)"
1570292474	Moulay Lahcen Hasnaoui and Safaa Laqtib "Impact of Mobility Models on Optimized Link State Routing Protocol in MANET"

NABT-2(Room 1)- **Session Chair:** Rachid El-Azouzi, University of Avignon, France

1570284152	Sara Sekkate, Mohammed Khalil and Abdellah Adib "An improved automatic aircraft identification system"
1570292855	Alessandro Vizzarri and Fabrizio Davide "Quality of Experience Analysis for VoLTE Services through Artificial Neural Network Fitting"
1570293109	Ahmed Maarof, Mohamed Senhadji, Mostafa Belkasmi and Zouheir Labbi "A Novel Mutual Authentication Scheme for Low-Cost RFID Systems"
1570280887	Hichem Sedjelmaci and Sidi-Mohammed Senouci "Smart Grid Security: A new Approach to Detect Intruders in a Smart Grid Neighborhood Area Network"

PMLF-1(Room 3)- **Session Chair:** Hicham Ghennioui, University of Sidi Mohamed Ben Abdellah, Morocco

1570281650	Amine Brahmi, Hicham Ghennioui, Lhbabi Mhammed, Christophe Corbier and François Guillet "Blind identification of FIR MIMO systems driven by cyclostationary inputs in wireless communications using joint block diagonalization"
1570281229	Brahim Fady, Abdelwahed Tribak, Mustapha Benjillali, Wout Joseph, Gunter Vermeeren, Emmeric Tanghe and Luc Martens "Miniaturized 2.4 GHz Antenna and Path Loss Investigations for Metal Containers Monitoring"
1570293107	Mouad Ghandi, Emmeric Tanghe, Wout Joseph, Mustapha Benjillali and Zouhair Guennoun "Path Loss Characterization of Horn-to-Horn and Textile-to-Textile On-Body mmWave"

	<i>Channels at 60 GHz"</i>
1570292745	Mohamed Et-tolba, Fatima ezzahra Naamane and Samir Saoudi " <i>A cross-validation based semi-analytical performance evaluation for high order modulations"</i>

Thursday October 27, 2016

10:30 -- 11:30

WNMC-3(Room 2) - **Session Chair:** Abdelmajid Badri, University of Hassan II, Morocco

1570293095	Ahmed El Ouadrhiri, Khalid Rahhali, Mohamed El Kamili and Mohamed Abbad " <i>Optimal Content Caching for Epidemic Routing in Delay Tolerant Networks"</i>
1570293031	Olumuyiwa Aiyelabowo, Aduwati Sali, Samsul Bahari Mohd Noor, Nor K. Noordin " <i>Selective relaying for reliability in Power line Cooperative Communication System"</i>
1570283551	Ivan Petrov and Toni Janevski " <i>Design of Novel 5G Trasport Protocol"</i>

NABT-3(Room 1) - **Session Chair:**, Ahmed Drissi El Maliani, University of Sidi Mohamed Ben Abdellah, Morocco

1570283784	Ahmed Khoumsi, Alexander Jaramillo and Amer Al-Canaan " <i>User Driven Policy for Selecting Wireless Communication Technologies in Intelligent Transportation Systems"</i>
1570289869	Zineb Squalli, Imane Zaimi, Mohammed Oumsis and Said El Alaoui Ouatik " <i>Improvement of GPSR protocol by using future position estimation of participating nodes in Vehicular Ad-hoc Networks "</i>
1570281670	Cyrine Lahsini and Ammar Bouallegue " <i>A Low complexity video encoding scheme using DCT"</i>

11:30 -- 13:00

NABT-4(Room 1) - **Session Chair:** Amal Tmiri, University of Chouaib Doukkali, Morocco

1570316578 Invited	Dora Boviz, Nivine Abbas, Gopalasingham Aravinthan, Chung Shue Chen and Mohamed Amine Dridi " <i>Multi-cell Coordination in Cloud RAN: Architecture and Optimization"</i>
1570317278 Invited	Abdeljebar Mansour, Mohamed Sadik, Essaid Sabir and Mohamed Azmi " <i>A Context-Aware Multimodal Biometrics Authentication for Cloud-Empowered Systems "</i>
1570284363	Khaoula Jeffane, Khalil Ibrahim " <i>Detection And Identification Of Attacks In Vehicular Ad-Hoc Network "</i>
1570292979	Marouane Birjali, Abderrahim Beni-hssane, Mohammed Erritali and Younes Madani " <i>Information content measures of semantic similarity between documents based on Hadoop system "</i>

PMLF-2(Room 2) - **Session Chair:** Khalil Ibrahim, University of Ibn Tofail, Morocco

1570293102	Mohamed Firdaoussi, Hicham Ghennioui and Mohamed El Kamili " <i>Recognition of OFDM and SCLD Signals based on the Generalized Mean Ambiguity Function "</i>
1570292588	Samer Hanna, Amr El-Sherif and Mustafa ElNainay " <i>Maximizing USRP N210 SDR Transfer Rate by Offloading Modulation to the On-board FPGA "</i>
1570293056	Ilham El mourabit, Abdelmajid Badri, Aicha Sahel and Abdennaceur Baghdad " <i>LTE Mobile positioning and tracking simulator using Kalman Filter"</i>
1570289506	Ramadhan Masmoudi, Djebbar Ahmed Bouzidi, Iyad Dayoub and Abdelmalik Taleb-Ahmed " <i>Semi Blind joint CFO Estimation and TEQ Equalization in MC-CDMA Systems "</i>

Friday October 28, 2016

15:00 -- 16:45

GCS & IoT-2(Room 2) - **Session Chair:** Anas Mansouri, University of Sidi Mohamed Ben Abdellah, Morocco

1570316440 Invited	Daniel Bonilla Licea, Vineeth S Varma, Samson E Lasaulce, Jamal Daafouz and Mounir Ghogho " <i>Trajectory planning for energy-efficient vehicles with communications constraints</i> "
1570319014 Invited	Khawla Asmi, Dounia Lotfi and Mohamed El Marraki " <i>A novel approach based on the minimum spanning tree to discover communities in social networks</i> "
1570283788	Ahmad Muzaffar bin Baharudin " <i>Low-Energy Algorithm for Self-Controlled Wireless Sensor Nodes</i> "
1570292914	Maleh Yassine, Ezzati Abdellah and Mustapha Belaissaoui " <i>An Enhanced DTLS Protocol for Internet of Things Applications</i> "

NABT-5(Room 1) - **Session Chair:** Lynda Mokdad, University of Paris-Est, Creteil, France

1570316371 Invited	Tuan Tang, Lotfi Mhamdi, Desmond McLernon, Syed Ali Raza Zaidi and Mounir Ghogho " <i>Deep Learning Approach for Network Intrusion Detection in Software Defined Networking</i> "
1570288649	Khalid El Makkaoui, Abderrahim Beni-hssane and Ezzati Abdellah " <i>Cloud-ElGamal: An Efficient Homomorphic Encryption Scheme</i> "
1570292693	Enrif Madina, Ahmed El Maliani Drissi, Mohammed El Hassouni and Said Ouatik " <i>Study of Magnitude and Extended Relative Phase information for color texture retrieval in L*a*b* color space</i> "
1570292751	Imane Zaimi, Zineb Squalli, Abdelali Boushaba and Mohammed Oumsis " <i>An Improved GPSR Protocol to Enhance the Video Quality Transmission over Vehicular Ad hoc Networks</i> "
1570288827	Bouziane Brik, Nasreddine Lagraa, Yacine Ghamri-Doudane and Abderrahmane Lakas " <i>Finding the Most Adequate Public Bus in Vehicular Clouds</i> "

PMLF-3(Room 3) - **Session Chair:** Mohamed Jorio, University of Sidi Moamed Ben Abdellah, Morocco

1570315750 Invited	Fatima Zahra El Bahi, Hicham Ghennioui and Mohcine Zouak " <i>Spectrum Sensing Technique for Cognitive Radio of Multiple OFDM Signals based on Singular Value Decomposition</i> "
1570292777	Mayada Osama, Bassant Abdelhamid and Salwa Elramly " <i>Interference Mitigation in Heterogeneous Networks Using Fractional Frequency Reuse</i> "
1570291955	Abir Zaidi, Abdennaceur Baghdad, Abdelhakim Ballouk and Abdelmajid Badri " <i>Design and optimization of an inset fed circular microstrip patch antenna using DGS structure for applications in the millimeter wave band</i> "
1570289191	Ikram Tabakh, Mohamed Jorio and Najiba El Amrani El Idrissi " <i>MPA radiation characteristics evolution through a DGS size reduction study</i> "
1570291515	Mohamed Ihamji, Jamal Zbitou, El Hassane Abdelmounim, Hamid Bennis and Mohamed Latrach " <i>Novel Design of a Miniature Fractal Microstrip CPW Fed Antenna for RFID Reader</i> "