

2014 International Symposium on Networks, Computers and Communications

(ISNCC 2014)

**Hammamet, Tunisia
17-19 June 2014**



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**Program at Glance of the International Symposium on
Networks, Computers and Communications (ISNCC-2014)
Hammamet, Tunisia - June 17-19, 2014**

Date	Time	Event	
Day 1 – Tuesday June 17, 2014	09:00 am – 09:30 am	Opening Ceremony	
	9:30 am – 10:30 am	Keynote Speaker 1: Prof. Abdallah Shami (Les Jasmins)	
	10:30 am – 11:00 am	Coffee Break	
	11:00 am – 12:30 pm	Session 1: Wireless Communications and QoS 1 (Hortensia)	
	12:30 pm – 02:00 pm	Lunch	
	02:00 pm – 03:30 pm	Session 2: Networking (Hortensia)	
	03:30 pm – 04:00 pm	Coffee Break	
	04:00 pm – 05:30 pm	Session 3: Information Technology, Services and Architecture (Hortensia)	
Day 2 – Wednesday June 18, 2014	09:00 am – 10:00 am	Keynote Speaker 2: Prof. Nidal Nasser (Les Jasmins)	
	10:00 am – 10:30 am	Coffee Break	
	10:30 am – 12:30 pm	Session 1: Communications and Signal Processing I (Hortensia)	Session 2: Security and Privacy (La Tulipe)
	12:30 pm – 02:00 pm	Lunch	
	02:00 pm – 3:30 pm	Keynote Speaker 3: Prof. Salem Hasnaoui (Les Jasmins)	
	03:30 am – 04:00 am	Coffee Break	
	04:00 pm – 05:30 pm	Session 3: Wireless Communications and QoS II (Hortensia)	Session 4: Communications and Signal Processing II (La Tulipe)
	07:00 pm +	Banquet	
Day 3	09:00 am +	Social event	

Technical Program of the International Symposium on Networks, Computers and Communications (ISNCC-2014)

**Hammamet, Tunisa
June 17-19, 2014**

Day 1 – June 17, 2014	
Time	Event
9:00 – 9:30	Opening Ceremony
9:30 – 10:30	<p>Keynote Speaker 1: Prof. Abdallah Shami Title: Virtual Machine Migration in Cloud Computing Environment- Design Challenges Chair: Dr. Hamid Mcheick Room: Les Jasmins</p>
10:30 – 11:00	Coffee break
11:00 – 12:30	<p>Room: Hortensia Session Title: Wireless Communications I Session Chair: Dr. Ahmed Meddahi (Telecom Lille, France)</p> <ol style="list-style-type: none"> 1. A Comparative Study of Interference Coordination Schemes for Wireless Mobile Advanced Systems <i>Maissa Boujelben (SupCom, Tunisia), Sonia Benrejeb (SupCom, Tunisia) and Sami Tabbane (SupCom, Tunisia)</i> 2. A Novel Approach for Mobile Network QoS Evaluation <i>Mallat Yosra (SupCom, Tunisia), Ayadi Mohamed(SupCom, Tunisia) and Ayari Aymen (SupCom, Tunisia)</i> 3. Adaptive Efficient Downlink Packet Scheduling Algorithm in LTE-Advanced System <i>Kais Mnif (ENIS, Tunisia), Ahlem Masmoudi (ENIS, Tunisia) and Lotfi Kamoun (ENIS, Tunisia)</i> 4. A Novel Self-Organizing Scheme for 4G Advanced Networks and beyond <i>Maissa Boujelben (SupCom, Tunisia), Sonia Benrejeb (SupCom, Tunisia) and Sami Tabbane (SupCom, Tunisia)</i> 5. New scheduling algorithm for Uplink LTE System <i>Radhia Khdhir(ENIS, Tunisia), Kais Mnif (ENIS, Tunisia) and Louffi Nuaymi (Telecom Bretagne, France), Lotfi Kamoun (ENIS, Tunisia)</i>
12:30 – 2:00	Lunch

2:00 – 3:30	<p>Room: Hortensia Session Title: Networking Session Chair: Dr. Azeddien Sllame (University of Tripoli, Libya)</p> <ol style="list-style-type: none"> 1. IL-CD: Interference and Load Aware Congestion Detection and Bandwidth Efficient Rate Allocation for Wireless Mesh Networks Maheen Islam (University of Dhaka, Bangladesh), M. Lutfar Rahman (University of Dhaka, Bangladesh) and Md. Mamun-Or- Rashid (University of Dhaka, Bangladesh) 2. Modeling and Simulating MPLS Networks Azeddien Sllame (faculty of Information Technology, University of Tripoli, Libya) 3. MAC aggregation in 802.11n: Concepts and impact on wireless networks performance Kawther Hassine (SupCom, Tunisia) and Mounir Frikha (SupCom, Tunisia) 4. Scheduling in Multi-radio Multi-Channel Mesh Networks: Brief Review and Novel Approach Nabil Torjemen (SupCom, Tunisia), Tabbane Nabil (SupCom, Tunisia), Hend Baklouti (SupCom, Tunisia) and Sami Tabbane (SupCom, Tunisia)
3:30 – 4:00	Coffee break
4:00 – 5:30	<p>Room: Hortensia Session Title: Information Technology, Services and Architecture Session Chair: Dr. Imen Jemili (University of Carthage, Tunisia)</p> <ol style="list-style-type: none"> 1. Interoperability of healthcare information systems Randa Hammami (University of Sfax, Tunisia) , Hatem Bellaaj (University of Sfax, Tunisia) and Ahmed Hadj Kacem (University of Sfax, Tunisia) 2. Policy Exchange and Management for Policy Compliance and Change Detection System in Managed Service in Data Networks Saeed Agbariah (George Mason University, USA) 3. Forensic Investigation in Mobile Cloud Environment Nouha Samef (SupCom, Tunisia), Asma Benletaifa (SupCom, Tunisia), Mohamed Hamdi (SupCom, Tunisia) and Sami Tabbane (SupCom, Tunisia) 4. Toward an extended tool for analysis of extended feature models Ines Achour (ENSI, Tunisia), Lamia Labeled Jilani (ISG, Tunisia) and Henda Ben Ghezala (ENSI, Tunisia) 5. Regularity Of Movement Based Approach for M2M Services Discovery Salma Bradai (ENIS, Tunisia), Sofien Khemakhem (ENIS, Tunisia) and Mohamed Jmaiel (ENIS, Tunisia) 6. Common Policy Language Saeed Agbariah (George Mason University, USA)

Day 2 – Wednesday June 18, 2014	
Time	Event
9:00 – 10:00	<p>Keynote Speaker 2: Prof. Nidal Nasser Title: Internet of Things: Vision and Challenges Chair: Dr. Tarek Bejaoui Room: Les Jasmins</p>
10:00 – 10:30	Coffee break
10:30 – 12:00	<p>Room: Hortensia Session Title: Communications and Signal Processing I Session Chair: Dr. M'Hamed Boulakroune (University of Ouerghla, Algeria)</p> <ol style="list-style-type: none"> 1. Approach for Automatic Frequency Planning Mohamed Ayadi (SupCom, Tunisia) 2. Advanced Physical Layer for Robust Power Line Communications based on Coded Modulation Mohamed Chaker Bali (SupCom, Tunisia) and Chiheb Rebai (SupCom, Tunisia) 3. Data Distribution Service Connectors for Software Defined Radio Rim Bouhouch (ENIT, Tunisia), Zouhaira Abdellaoui (ENIT, Tunisia), Amel Ncira (ENIT, Tunisia), Houda Jaouani (ENIT, Tunisia), Salem Hasnaoui (ENIT, Tunisia) 4. Impact of Mains Zero Crossing Synchronization on Powerline Communication Souha Souissi (SupCom, Tunisia), Ons Benrhouma (SupCom, Tunisia) and Chiheb Rebai (SupCom, Tunisia)
10:30 – 12:00	<p>Room: La Tulipe Session Title: Security and Privacy Session Chair: Dr. Azeddien Sllame (University of Tripoli, Libya)</p> <ol style="list-style-type: none"> 1. Efficient and Scalable Public Key Infrastructure for Wireless Sensor Networks Daehee Kim (Korea University, Korea) and Sunshin An (Korea University, Korea) 2. Distributed Denial of Service Attacks and its effects on Cloud Environment- a Survey Prabadevi B (VIT University, India) and Jeyanthi N (VIT University, India) 3. Security Problems in Cloud Infrastructure Amir Djenna (University of Constantine 2, Algeria) and Mohamed Batouche (University of Constantine 2, Algeria) 4. Encryption by ASCII using Unique Id, Matrix Multiplication and Palindrome Number Gitanjali J (VIT University, India), Ranichandra C (VIT University, India), Dr. Jeyanthi N (VIT University, India) and Pounambal M (VIT University, India) 5. SCT: Secured Cloud based Telemedicine N. Jeyanthi (VIT University, India), R. Thandeewaran (VIT University, India) and H. Mcheick (University of Quebec at Chicoutimi, Canada)
12:30 – 2:00	Lunch
2:00 – 3:00	<p>Keynote Speaker 3: Prof. Salem Hasnaoui Title: Difficulties of the Implementation of MIMO-OFDM Chains as Software Defined Radio at Very High Speeds and Real-Time and the Needs for Using CBSE Connectors, Data Distribution Service and Multicore Platforms. Chair: Dr. Tarek Bejaoui Room: Les Jasmins</p>

3:00 – 3:30	Coffee break
3:30 – 5:30	<p>Room: Hortensia Session Title: Wireless Communications and QoS II Session Chair: Dr. Ahmed Meddahi (Telecom Lille, France)</p> <ol style="list-style-type: none"> 1. Implementing Shortest Path Routing Mechanism using Openflow POX Controller Rihab Jmal ((ENIS, Tunisia) and Lamia Chaari (ENIS, Tunisia) 2. A Multi-Agent Proactive Routing Protocol for routing on Vehicular Ad-Hoc Networks: Samira Harrabi(SOIE, ENSI, Tunisia), Walid Chainbi (SOIE, ENISO, Tunisia) and Khaled Ghedira (SOIE, ISG, Tunisia) 3. Networking Coding-based Dissemination Protocolsfor Inter-Vehicle Communication Imen Achour (SupCom, Tunisia), Tarek Bejaoui (University of Carthage, Tunisia) and Sami Tabbane (SupCom, Tunisia) 4. Routing Protocols in MANET: Performance Comparison of AODV, DSR and DSDV Protocols Using NS2 Salim El Khediri (ISSATG, Tunisia), Nejah Nasri (ENIS, Tunisia), Awatef Ben Fradj (ENIS, Tunisia), Anne Wei (CNAM Paris, France), Abdennaceur Kachouri (ESSIG, Tunisia) 5. A Fuzzy Logic algorithm for RAT selection procedures Aymen Ben Zineb (SupCom, Tunisia), Mohamed Ayadi (SupCom, Tunisia) and Sami Tabbane (SupCom, Tunisia)
3:30 – 5:00	<p>Room: La Tulipe Session Title: Communications and Signal Processing II Session Chair: Dr. M'Hamed Boulakroune (University of Ouergla, Algeria)</p> <ol style="list-style-type: none"> 1. Study of Non-Coherent Transceivers for UWB Communication Madiha Hajri (ENIS, Tunisia), Dalenda Ben Issa (ENIS, Tunisia) and Hekmet Samet (ENIS, Tunisia) 2. Hand vien pattern feature extraction with wavelet transform Redhouane Lefki (University of Oran, Algeria), Sarah Benziane (University of Oran, Algeria) and Abdelkader Benyettou (University of Oran, Algeria) 3. PAPR Reduction of FBMC Signals by Combining Exponential Companding and Hadamard Transforms Brahim Elmaroud (Mohammed V-Agdal University, Morocco), Moulay Ahmed Faqihi (Mohammed V-Souissi University, Morocco), Mohammed Abbad (Mohammed V-Agdal University, Morocco) and Driss Aboutajdine (Mohammed V-Agdal University, Morocco) 4. The Broadside-coupled Microstrip Structure using Open Loop Resonator DGS: Hassiba Louazene (University Kasdi Merbah of Ouergla, Algeria), M'Hamed Boulakroune (University Kasdi Merbah of Ouergla, Algeria) and Mouloud Challal (University M'Hamed Bougara of Boumerdes, Algeria)
07:00 pm+	Banquet

Day 3 – June 19, 2014	
Time	Event
9 am – 2 pm	Social Event