

PROGRAM

ComNet' 2017

Wednesday, March 29th, 2017

Friday, March 31th, 2017

8:30 am - 9 am **Opening ceremony**

9 am - 10:15 am **Tutorial session**
Spatiotemporal Stochastic Models for 5G and Beyond
Part 1: Motivation and Applications
Mohamed-Slim Alouini

10:15 am - 10:45 am **Coffee break**

10:45 am - 12:30 am **Tutorial session**
Spatiotemporal Stochastic Models for 5G and Beyond
Part2: Theory and Futures researches
Hesham ElSawy

12:30 am - 2 pm **Lunch**

Session 1: WLAN/ 5G Services and Architectures **Chair: Heshem El Sawy**
Mobile User Association for Heterogeneous Networks Using Optimal Transport Theory
Hakim Ghazzaï, Hamidou Tembine, Mohamed-Slim Alouini
A Dynamic Access Control Scheme to balance Massive Access Requests of Differentiated M2M Services in 5G/HetNets
Kaouther Taleb Ali, Sonia Ben Rejeb, Zied Choukair
New Hybrid Rate Adaptation Algorithm (HR2A) for video streaming over WLAN
Aïcha Idriss Hentati, Lamia Chaari Fourati, Ofla Ben Rhaïem

Thursday, March 30th, 2017

9 am - 10 am **Tutorial session**
Some Geolocation Determination Techniques
Abbas Yongacoglu

Session 2: Physical communications **Chair: Mohamed Siala**
Comparative Study of Two Array Configurations for 2D-DOA Estimation in LS-MIMO Systems
Sahbi Mazlout, M. Bessem Ben Salah, Abdelaziz Samet
Analyzing Performance of Joint SVR Interpolation for LTE System with 64-QAM Modulation under 500 Km/h Mobile Velocity
Anis Charrada, Abdelaziz Samet

11 am - 11:30 am **Coffee break**

Session 3: QoS/QoE **Chair: Zied Choukair**
A Fluid Approach for Evaluating the Performance of TCP Traffic in the Presence of Real Time Traffic
Mohamed El Hedi Boussada, Mounir Frikha, Jean Marie Garcia
PDAS: PLR-Delay Aware Scheduler for Real Time Application in LTE-A
Saloua Hendaoui, Nawel Zanga, Sami Tabbane
QoE-based Vertical Handover Decision Management for Cognitive Networks using ANN
Aymen Ben Zineb, Mohamed Ayadi, Sami Tabbane

1 pm **Lunch**

Cultural and touristic program

Session 4: Grid/Cloud **Chair: Abbas Yongacoglu.**

9 am - 10:30 am **Weighted grid authorization graph (WGAG)**
Sara Namane, Mustafa Kaiiali, Nacira Ghoulmi, Rajeev Wankar, C.R. Rao, Sakir Sezer
Cost-aware Virtual Machines Placement Problem under constraints over a Distributed Cloud Infrastructure
Eya Dhib, Khaled Boussetta, Nawel Zangar, Nabil Tabbane
A Comparative Study of RPL Objective Functions
Ines Kechiche, Ines Bousnina, Abdelaziz Samet

10:30 am - 11 am **Coffee break**

Session 5: SDN/NDN **Chair: Mounir Frikha**
On the Approaches for Efficient Mobility Management in SDNized Wireless Networks
Manzoor A. Khan, Sebastian Peters, Xuan T. Dang, Tobias Dörsch, Patrick Engelhard
Taxonomy and Comparative Study of NDN Forwarding Strategies
Narjes Aloulou, Mouna Ayari, Mohamed Faten Zhani, Leila Azouz Saidane, Guy Pujolle
Green and Secure Relay Selection Algorithm in Cooperative Networks
Takwa Bouallegue, Kaouthar Sethom

12:30 am - 2 pm **Lunch**

Session 6: VANETs & Security **Chair: Sami Tabbane**
SODV Speed based ad hoc On Demand Vector link Routing Protocol: A Routing Protocol for VANET Networks
Kchaou Manel, Chaari Lamia
Medium Access Control in VANET
Narjes Boulila, Leila Azouz Saidane
Privacy Group Distance Bounding Protocol on TH-UWB based NTRU Public key Cryptosystem
Jamel Miri, Bechir Nsiri, Ridha Bouallegue

2 pm - 4 pm

Saturday, April 1st, 2017

9 am - 10:15 am **Tutorial session**
Towards a connected-intelligent world: Overview of IoT Applications and Technologies
Wael Guibene

10:15 am - 10:45 am **Coffee break**

10:45 am - 12 am **Tutorial session**
Towards a connected-intelligent world: Use Case
Wael Guibene

12 am - 12:30 am **Awards ceremony**
Closing ceremony

12:30 am - 2 pm **Lunch**