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PROGRAM

Wednesday, March 29th, 2017

8:30 am - 9 am

Opening ceremony

Tutorial session

9 am - 10:15 am

Spatiotemporal Stochastic Models for 5G and Beyond

Part 1: Motivation and Applications

Mohamed-Slim Alouini

10:15 am -10:45 am

Coffee break

Tutorial session

10:45 am - 12:30 am

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 21
Hakim Ghazzai, Hamidou Tembine, Mohamed-Slim Alouini

2 pm - 4:00 pm

A Dynamic Access Control Scheme to balance Massive Access Requests of Differentiated M2M Services in 5G/HetNets 104

Kaouther Taleb Ali, Sonia Ben Rejeb, Zied Choukair

New Hybrid Rate Adaptation Algorithm (HR2A) for video streaming over WLAN 7
Aicha Idriss Hentati, Lamia Chaari Fourati, Ofra 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

10 am - 11 am

Comparative Study of Two Array Configurations for 2D-DOA Estimation in LS-MIMO Systems 78
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 1
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 53

Mohamed El Hedi Boussada, Mounir Frikha, Jean Marie Garcia

11:30 am - 1 pm

PDAS: PLR-Delay Aware Scheduler for Real Time Application in LTE-A 59
Saloua Hendaoui, Nawel Zanga, Sami Tabbane

QoE-based Vertical Handover Decision Management for Cognitive Networks using ANN 97
Aymen Ben Zineb, Mohamed Ayadi, Sami Tabbane

1 pm

Lunch

Cultural and touristic program

ComNet' 2017

Friday, March 31th, 2017

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

- 9 am - 10:30 am **Weighted grid authorization graph (WGAG) 27**
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 40**
Eya Dhib, Khaled Boussetta, Nawel Zangar, Nabil Tabbane
- A Comparative Study of RPL Objective Functions 66**
Ines Kechiche, Ines Bousnina, Abdelaziz Samet

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

Session 5: SDN/NDN **Chair: Mounir Frikha**

- 11 am - 12:30 am **On the Approaches for Efficient Mobility Management in SDNized Wireless Networks 32**
Manzoor A. Khan, Sebastian Peters, Xuan T. Dang, Tobias Dörsch, Patrick Engelhard
- Taxonomy and Comparative Study of NDN Forwarding Strategies 45**
Narjes Aloulou, Mouna Ayari, Mohamed Faten Zhani, Leila Azouz Saidane, Guy Pujolle
- Green and Secure Relay Selection Algorithm in Cooperative Networks 91**
Takwa Bouallegue, Kaouthar Sethom

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

Session 6: VANETs & Security **Chair: Sami Tabbane**

- 2 pm - 4 pm **SODV Speed based ad hoc On Demand Vector link Routing Protocol: A Routing Protocol for VANET Networks 13**
Kchaou Manel, Chaari Lamia
- Medium Access Control in VANET 72**
Narjes Boulila, Leila Azouz Saidane
- Privacy Group Distance Bounding Protocol on TH-UWB based NTRU Public key Cryptosystem 84**
Jamel Miri, Bechir Nsiri, Ridha Bouallegue

Saturday, April 1st, 2017

Tutorial session

- 9 am - 10:15 am **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**