THURSDAY JUNE 29, 2017

room: Amphi Y (Jean-Baptiste-Say) in Access 1 (basement), entrance: 292 rue Saint Martin

8:30-9:00 Registration

9:15: Welcome

9:30-10:30            SESSION 1

Session Chair: Francoise Sailhan

An Autonomous System based Security Mechanism for Network Coding Applications in Content-Centric Networking
Li Xu, Hui Li, Jiawei Hu, Yunmin Wang and Huayu Zhang (Peking University)

Enhanced Sinkhole System: Collecting System Details to Support Investigations
Martin Ussath, Feng Cheng and Christoph Meinel (Hasso Plattner Institute)

10:30-10:45 Coffee Break

10:50-11:30            SESSION 2: KEYNOTE SPEAKER

Identity Management for Internet Connected Objects
Dr Hanène Maupas (SAFRAN, France)

11:30-12:30            SESSION 3

Session Chair: Damien Sauveron

Authentication based Elliptic Curves Cryptography for ZigBee Networks
Ouassila Hoceini (Université Mouloud Mammeri), Hossam Afifi (Télécom Sud Paris), Rachida Aoudjit (UMMTO)

An Ultra-Lightweight Authentication Scheme for Heterogeneous Wireless Sensor Networks in the Context Of Internet Of Things
Hamza Khemissa (CERIST), Djamel Tandjaoui (CERIST) and Samia Bouzefrane (CNAM)

12:40-13:50 Lunch
MSPN’2017 Program (Paris, June 29 & 30, 2017)

14:00-14h30 SESSION 4: KEYNOTE SPEAKER

Research in Parallel computing for Telecom applications
Pr Gaëtan Hains, Huawei Central Software Institute, Paris Research Center

14:30-15:30 SESSION 5
Session Chair: Gaëtan Hains

Empirical Evaluation of a Distributed Deployment Strategy for Virtual Networks
Carsten Hahn, Stephan Holzner, Lenz Belzner and Michael Beck (LMU)

Identifying Service Contexts for QoS Support in IoT Service Oriented Software Defined Networks
Hong Jin Kim, Moon Yong Jung, Won Sang Chin and Ju Wook Jang (Sogang University)

15:30-16:00 Coffee Break

16:00-17:30 SESSION 6
Session Chair: Hanène Maupas

Efficient Implementation of Pedersen Commitments Using Twisted Edwards Curves
Christian Franck and Johann Großschädl (University of Luxembourg)

Formal Modeling and Performance Evaluation of Network’s Server under SYN / TCP Attack
Naouel Ouroua, Wassila Bouzagza and Malika Ioualalen (USTHB)

A fast bit-level MPLS-based source routing scheme in Software Defined Networks: SD-{L,W}AN
Ali El Kamel and Manel Majdoub (University of Sousse)

17:30 Visit of the Museum of Arts and Crafts
FRIDAY JUNE 30, 2017

room: Amphi Y (Jean-Baptiste-Say) in Access 1 (basement), entrance: 292 rue Saint Martin

08:30-9:00 Registration

9:00-10:30 SESSION 7

Session Chair: Soumya Banerjee

Requirements and Complexity Analysis of Cross-Layer Design Optimization for Adaptive Inter-Vehicle DSRC

Keyvan Ansari (University of Sunshine Coast), Hannaneh Naghavi, Glen Tian and Yanming Feng (Queensland University of Technology)

Predicting Response Time-related Quality-of-Service Outages of PaaS Cloud Applications by Machine Learning

Angela Schedel and Philipp Brune (University of Applied Sciences Neu-Ulm)

Intelligent Road Design Using Artificial Intelligence Techniques

Camilo Isaza Fonseca (Universidad Nacional de Colombia), Octavio Salcedo Parra (Universidad Distrital “Francisco José de Caldas”) and Lewys Correa Sanchez (Universidad Distrital “Francisco José de Caldas”)

10:30-11:00 Coffee Break

11:00-12:00 SESSION 8

Session Chair: Philipp Brune

A GRC-Centric Approach for Enhancing Management Process of IoT-Based Health Institution

Fouzi Lezzar (Constantine2 University), Djamel Benmerzoug (Constantine2 University) and Ilham Kitouni (Constantine2-Abdelhamid Mehri University)

Energy Consumption Estimation for Energy-Aware, Adaptive Sensing Applications

Nattachart Tamkittikhun, Amen Hussain and Frank Alexander Kraemer (NTNU)

12:00-12:35 SESSION 9: INVITED SPEAKER

Enabling Emergent Mobile Systems in the IoT: Functional and QoS Interoperability Aspects at The Middleware Layer

Dr Nikolaos Georantas (Inria, Paris)
12:45-14:00 Lunch

14:00-15:30 \hspace{1em} SESSION 10

Session Chair: Hossam Afifi

Mobility Prediction in Vehicular Network: An Approach through Hybrid Neural Network Under Uncertainty
Soumya Banerjee (BIT Mesra), Samia Bouzefrane (CNAM) and Paul Muhlethaler (INRIA)

Building an Information Retrieval System Based on Genetic Algorithms
Mohamed Erritali (Faculté des sciences et techniques), Soukaina Lamkhantar (Faculté des sciences et techniques), Badr Hssina (Sultan Moulay Slimane University)

Efficient Wideband Spectrum Sensing: A Methodological Approach
Evelio Astaiza Hoyos (Universidad del Cauca; Universidad del Quindío), Octavio Salcedo Parra (Universidad Distrital “Francisco José de Caldas”) and Lewys Correa (Universidad Distrital “Francisco José de Caldas”)

15:30-16:00 Coffee break