

## **MSPN'2017 Program (Paris, June 29 & 30, 2017)**

**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 (Pekin 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 Gaétan Hains, Huawei Central Software Institute, Paris Research Center*

### **14:30-15:30 SESSION 5**

*Session Chair: Gaétan 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 Bouzegza 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**



## **MSPN'2017 Program (Paris, June 29 & 30, 2017)**

**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 Georgantas (Inria, Paris)*

## MSPN'2017 Program (Paris, June 29 & 30, 2017)

12:45-14:00 Lunch

### 14:00-15:30 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

