TUESDAY, 22TH OF JANUARY, 2019

16.00 - 16.30 Registration & Opening

16.30 - 18.00 Technical Session 1: Internet of Things

Chair: TBA

[#107] No way back? An SDN protocol for directed IoT networks
Alves, Renan Cerqueira Afonso; Margi, Cintia Borges; Kuipers, Fernando A.

[#123] On the Properties of Infective Flooding in Low-Duty-Cycle Networks
Baldesi, Luca; Maccari, Leonardo; Lo Cigno, Renato.

[#150] A Smart Self-Organizing Node Deployment Algorithm in Wireless Sensor Networks
Sadeghi Ghahroudi, Mahsa; Shahrabi, Alireza; Boutaleb, Tuleen

[#135] Least Squares Optimization for Forest Propagation Augmented by Rainfall/Snowfall, Frequency, and Polarization Effects
Al Salameh, Mohammed Saleh.

18.00 - 18.30 Coffee Break

18.30 - 20.00 Technical Session 2: Vehicular Networks

Chair: TBA

[#114] Adaptive Safety Context Information for Vulnerable Road Users with MEC Support
Nguyen, Quang-Huy; Morold, Michel; David, Klaus; Dressler, Falko.
Deeply Integrating Visible Light and Radio Communication for Ultra-High Reliable Platooning
Schettler, Max; Memedi, Agon; Dressler, Falko.

Contextual Dishonest Behaviour Detection for Cognitive Adaptive Charging in Dynamic Smart Micro-Grids
Radenkovic, Milena; Walker, Adam David.

C-ITS PKI protocol: performance evaluation in a real environment
HAIDAR, Farah; KAISER, Arnaud; LONC, Brigitte; URIEN, Pascal.

20.00 Dinner

WEDNESDAY, 23RD OF JANUARY, 2019

09.00 - 10.00 Keynote 1: Susana Sargento

10.00 - 10.30 Coffee Break

10.30 - 12.00 Technical Session 3: Mobile Networks
Chair: TBA

Investigation of Congestion Control for LTE-V2X Mode 4
Martinez, Vincent; Mansouri, Adel; Härri, Jérome.

Analyzing the Performance of Dual Connectivity in Control/User-plane Split Heterogeneous networks
Ghosh, Shankar Kumar; Ghosh, Sasthi Charan.

A Decentralize Algorithm for Perturbation Minimization in 5G D2D Communication
Ghosal, Subhankar; Ghosh, Sasthi C.
12.00 - 17.00 Long Break

17.00 - 18.30 Technical Session 4: Energy and Performance
Chair: TBA

[#131] Grant-Free Access with Multipacket Reception: Analysis and Reinforcement Learning Optimization
Jacquelin, Augustin; Vilgelm, Mikhail; Kellerer, Wolfgang.

[#141] DVFS - Power Management and Performance Engineering of Data Center Server Clusters
Kuehn, Paul J.; Mashaly, Maggie.

[#129] Game-Theoretic Power Control for Energy Constrained Machine Type Communications
Mehmood, Kashif; Niaz, Muhammad Tabish; Kim, Hyung Seok.

[#154] Dynamic Content Updates in Heterogeneous Wireless Networks
Salehi Heydar Abad, Mehdi; Ozfatura, Mehmet Emre; Ercetin, Ozgur; Gunduz, Deniz.

18.30 - 19.00 Coffee Break

19.00 - 20.00 Technical Session 5: M2M+D2D
Chair: Gunnar Karlsson

Boehm, Sebastian; Koenig, Hartmut.
[134] Uplink Power Control for D2D-enabled HetNet with Partial CSI via Fractional Programming
Aly Maher, Engy; El-Mahdy, Ahmed.

[145] Integration and Co-existence of Heterogeneous Technologies in the End to End 5G Communication
Khalili, Hamzeh; Sayyad Khodashenas, Pouria; Liolis, Konstantinos; Atkinson, Gint; King, Robert; Kavanagh, Mark; Cahill, Joe; Politis, Christos; Fernandez, Carolina; Tiomela Jou, Boris; Guija, Daniel; Vidal, Oriol

20.00 Social Event

THURSDAY, 24TH OF JANUARY, 2019

09.00 - 10.00 Keynote 2: Sergey Andreev

10.00 - 10.30 Coffee Break

10.30 - 12.00 Technical Session 6: Positioning and Miscellaneous
Chair: TBA

[121] Experimental Evaluation of Precision of a Proximity-based Indoor Positioning System
Kouyoumdjieva, Sylvia T.; Karlsson, Gunnar.

[126] MEC-based UWB Indoor Tracking System
Carrera, Jose; Zhao, Zhongliang; Wenger, Mischa; Braun, Torsten.

[143] A Hybrid Energy-Aware Video Bitrate Adaptation Algorithm for Mobile Networks
Araújo, Fábio; Rosario, Denis; Cerqueira, Eduardo; Villas, Leandro.

[115] Demonstration of 40 Gbit/s conducting media data capacity on international rolling stock
Ngobigha, Felix; Walker, Stuart; Koczian, Geza; Howell, Greg; Prentice, John.

12.00 - 12.15 Closing