TUESDAY, 22TH OF JANUARY, 2019

16.00 - 16.30 Registration & Opening

16.30 - 18.00 Technical Session 1: Internet of Things

Chair: Wolfgang Kellerer

[#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: Jerome Haerri

[#114] Adaptive Safety Context Information for Vulnerable Road Users with MEC Support

Nguyen, Quang-Huy; Morold, Michel; David, Klaus; Dressler, Falko.

[#149] Deeply Integrating Visible Light and Radio Communication for Ultra-High Reliable Platooning

Schettler, Max; Memedi, Agon; Dressler, Falko.

[#103] Contextual Dishonest Behaviour Detection for Cognitive Adaptive Charging in Dynamic Smart Micro-Grids

Radenkovic, Milena; Walker, Adam David.

[#108] 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: Torsten Braun

[#130] Investigation of Congestion Control for LTE-V2X Mode 4

Martinez, Vincent; Mansouri, Adel; Härri, Jérome.

[#138] Analyzing the Performance of Dual Connectivity in Control/User-plane Split Heterogeneous networks

Ghosh, Shankar Kumar; Ghosh, Sasthi Charan.

[#146] A Decentralize Algorithm for Perturbation Minimization in 5G D2D Communication

Ghosal, Subhankar; Ghosh, Sasthi C.

[#113] 5G Traffic Forecasting: If Verticals and Mobile Operators Cooperate

Malandrino, Francesco; Chiasserini, Carla-Fabiana.

12.00 - 17.00 Long Break

17.00 - 18.30 Technical Session 4: Energy and Performance

Chair: Leszek T. Lilien

[#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

[#133] SEmulate: Seamless Network Protocol Simulation and Radio Channel Emulation for Wireless Sensor Networks

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: Zhongliang Zhao

[#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