

IWSLS² 2018

2nd International Workshop on Link- and System Level Simulations



Vienna, Austria, May 11

The **2nd International Workshop on Link- and System Level Simulations**, IWSLS² 2018, will take place (remotely) in the city of **Vienna, Austria on May 11, 2018** and will be hosted by the **Institute of Telecommunications** (ITC) at Technische Universität (TU) Wien (<http://www.nt.tuwien.ac.at/>).

General Chair

Martin Müller, TU Wien
Stefan Schwarz, TU Wien
Philipp Svoboda, TU Wien

IWSLS² (<http://www.iwsls2.com/>) is an international conference on theoretical, experimental, and applied research on link- and system level simulations and measurements of cellular wireless communication systems. IWSLS² brings together researchers and developers from both academia and industry to report on the latest scientific and theoretical advances, to debate major issues and to demonstrate state-of-the-art systems. The proceedings of IWSLS² 2018 will be published in IEEE Xplore. More details can be found on <http://www.iwsls2.com/>.

Modus Operandi of the Conference

All papers will undergo a peer review and only those with a suitable innovation character will be selected. The presentation at the conference will be **remotely**: all accepted paper authors have to **submit a video presentation** of their paper that will be offered at the web page of the conference and be connected with an **online forum** for further questions. It will be mandatory for the authors to provide feedback on the questions asked. Every author is also warmly invited to join us in Vienna for the presentation session, yet **personal attendance is not mandatory**. Through this, the **participation** of the authors will be **free of charge**!

Areas of Interest (not limited to):

Link Level Simulations

- Multi-user MIMO
- 3D beamforming, FD-MIMO
- Massive MIMO
- Cooperative transmission/reception
- LTE, LTE-A, 5G
- Multicarrier modulation, FBMC
- High-mobility communication with trains, vehicles and planes
- D2D, M2M, and V2X communications
- LTE-M, LTE-V
- mmWave channel modeling

System Level Simulations

- 5G access technologies
- Wireless sensor network systems
- Cognitive radio
- Scheduling techniques
- Cooperative transmission/reception
- Small cells and HetNets
- Ultra dense networks
- Distributed antenna systems
- Multi radio access technology
- Tactile Internet
- IoT simulations and traffic modeling

Link and System Level Measurements

- Infrastructure and Tools
- Measurement cross layers and stack
- Anomaly detection and root causes
- Characterization and modelling
- Content distribution
- Metrics and measurements

Submission

Prospective authors are invited to submit full-length, **up to six-pages** long papers (including figures and references) of novel research material. Papers must be submitted electronically by **March 01, 2018** using **EDAS**. Each paper will be reviewed by at least two independent reviewers and evaluated based on its originality, significance, and clarity.

Important Deadlines

March 01, 2018

Electronic submission of papers

April 08, 2018

Notification of acceptance

April 22, 2018

Submission of camera-ready papers

May 06, 2018

Submission of conference presentation (slides + video)

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The Vienna Cellular Communications Simulators