

# IWSLS<sup>2</sup> 2018

2nd International Workshop on Link- and System Level Simulations



Vienna, Austria, September 28

The **2nd International Workshop on Link- and System Level Simulations**, IWSLS<sup>2</sup> 2018, will take place (remotely/virtually) in the city of **Vienna, Austria on September 28, 2018** and will be hosted by the **Institute of Telecommunications** (ITC) at Technische Universität (TU) Wien (<http://www.nt.tuwien.ac.at/>).

IWSLS<sup>2</sup> (<http://www.iwsls2.com/>) is a virtual international conference on theoretical, experimental, and applied research on link- and system level simulations and measurements of cellular wireless communication systems. IWSLS<sup>2</sup> 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 IWSLS<sup>2</sup> 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/virtually**: 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**!

## 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 **June 08, 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

- |                           |  |
|---------------------------|--|
| <i>June 08, 2018</i>      | Electronic submission of full papers                   |
| <i>August 24, 2018</i>    | Notification of acceptance                             |
| <i>September 14, 2018</i> | Submission of camera-ready papers                      |
| <i>September 14, 2018</i> | Submission of conference presentation (slides + video) |

## General Chair

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Philipp Svoboda, TU Wien

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