

# IWSLS<sup>2</sup> 2018

2nd International Workshop on Link- and System Level Simulations



institute of  
telecommunications

Vienna, Austria, June 1st.



The **2nd International Workshop on Link- and System Level Simulations, IWSLS<sup>2</sup> 2018**, will take place in the city of **Vienna, Austria on June 1, 2018** and will be hosted by the **Institute of Telecommunications (ITC)** at the TU Wien (<http://www.nt.tuwien.ac.at/>).

IWSLS<sup>2</sup> (<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. 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: 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.

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

### 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

### 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 15, 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 15, 2018*

*April 20, 2018*

*May 15, 2018*

*May 30, 2018*

Electronic submission of papers

Notification of acceptance

Submission of camera-ready papers

Submission of conference presentation (slides + video)

## General Chair

Stefan Schwarz, TU Wien  
Philipp Svoboda, TU Wien

## Requested Members:

### Int. Program Committee

Hussain Al-Rizzo, US  
Cory Beard, US  
Ai Bo, CN  
Luis Castedo Ribas, ES  
Luiz DaSilva, IE  
Florian Kaltenberger, FR  
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**Requested  
Supporters**

