

First International Workshop on 5G Millimeter-Wave Channel Models

Organized by



5G Millimeter Wave Channel Model Alliance

Workshop Chairs

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David Matolak, *University of South Carolina*
Sana Salous, *University of Durham (UK)*
Dev Palmer, *DARPA*
Hani Mehrpouyan, *Boise State University*

Important Dates

Paper Submission: July 1, 2016
Decision Notification: September 1, 2016
Final Submission: October 1, 2016
Workshop: December 4, 2016

For additional details and submission instruction, please visit

<https://sites.google.com/a/corneralliance.com/5g-mmwave-channel-model-alliance-wiki/globecom-2016-workshop>

CALL FOR PAPERS

There is an industry and research community need for accurately characterizing the bands above 6 GHz. While there are many groups currently working on 5G channel measurements and modeling (e.g., METIS2020, COST1004, IEEE 802.11ay, ETSI mmWave SIG, NYU Wireless), many of these efforts are focused on developing channel models for specific wireless systems and may be short-lived or adapted once initial standards are put in place.

In response to this need, the U.S. National Institute of Standards and Technology (NIST) has recently begun to coordinate a 5G mmWave Channel Model Alliance of companies, academia, and government organizations that is supporting the development of more accurate, consistent, and predictive channel models.

This workshop will be a venue for all members of the 5G and cm/mmWave channel modelling communities to brainstorm and to identify emerging concepts, technologies, and analytical tools in this important area.

The workshop format will include keynote speakers and updates and outreach from Alliance working groups. It will conclude with a panel session. In order to accommodate a large number of submissions and improve interaction between participants, all submissions will be presented in poster format during the middle of the workshop.

Topics of interest include but are not limited to the following:

- Measurement Methodology
- Channel Modelling Methodology
- Indoor Measurements and Models
- Outdoor Measurements and Models
- Emerging Measurements and Models

Papers should be submitted using EDAS

<https://edas.info/N22558>.

Authors should follow the IEEE conference paper formatting guidelines that apply to all GLOBECOM submissions when preparing their contributions (maximum paper length: 6 pages with 10-pt font).