IEEE GLOBECOM™

IEEE Global Comunications Conference
9-13 December 2018 // Abu Dhabi, UAE
Gateway to a Connected World

IEEE ComSoc™
IEEE Communications Society

IEEE

5G Advanced: The Next Evolution Step of 5G NR
Call for Proposals – Special session on "The local impact of 5G"
13 December 2018

Special session on "The local impact of 5G"

5G is expected to transform the way people and devices communicate today by radically enhancing the data rates, the number of connections, the energy efficiencies and reducing the latencies. There are on-going research and standardisation activities to bring the benefits of 5G to a number of vertical sectors like Automotive, Industry 4.0, Smart city, Healthcare etc. The diverse 5G applications in these domains as discussed today are quite broad and generic, as applicable in a global scale.

We believe that 5G will have an equally important role to play in providing solutions for societal, economic or environmental issues specific to a country or a region, i.e. a local impact. These can even be adaptations of the generic 5G applications to suit specific local conditions. In this special session we invite proposals demonstrating such local 5G impact, to be presented and discussed in a lively interactive manner. These can be local 5G applications that your organisations are already developing or simply issues you have identified where the capabilities of 5G can bring unique solutions.

We invite 2 page extended abstracts detailing the specific issue, the proposed 5G based solution and any of the solution development you have already conducted. The best submissions will be selected for the interactive session by a panel of experts from the ONE5G and 5GX-cast projects, considering the technical rigour, novelty and the likely impact of the solution proposed. The selected submissions will be presented in poster format during the special session, leading to an interactive panel type discussion. The poster soft copies will also be disseminated through the ONE5G and 5GX-cast project websites. Further submission guidelines are indicated below.

A workshop jointly organized by the 5G PPP phase II Projects

ONE 5G
5G X-CAST

General Chairs:

Frank Schaich, *Nokia Bell Labs*
Marie-Helene Hamon, *Orange*
Belkacem Mouhouche, *Samsung UK*

TPC Chairs:
Gerhard Wunder, *Freie Universität Berlin*
Tommy Svensson, *Chalmers*
Panagiotis Demestichas, *Piraeus University*

Special Session Chair:
Mythri Hunukumbure, *Samsung UK*

Publication Chair:
Khan Reaz, *Freie Universität Berlin*

Important Dates:

Paper Submission Deadline: *1 July 2018*
Notification of Acceptance: *31 July 2018*
Camera-Ready Submission: *30 August 2018*

Submission Guideline:

2 pages extended abstracts. Paper should follow the standard IEEE Conference Template and be submitted through EDAS:

Workshop track (5GNR) *https://edas.info/N24870*

www.one5g.eu/workshop