## IEEE ICC 2017 Workshop on Flexible Networks (FlexNets)

## Sunday 21 May 2017 // Paris, France

There has been a tremendous evolution from voice systems to sophisticated communication platforms in mobile communications. Today's mobile communication systems provide various services and applications to millions of people. Future systems such as 5G are also expected to serve trillions of devices. It will neither today nor in the future be possible to predict the requirements of all use cases and applications. New business models will impose diverse set of requirements on future networks. A flexible radio network is required to deal with uncertainties and unknowns, and also to enable backward and forward compatibility.

All in all, future networks must be flexible and elastic to easily introduce new services, applications and business models. Any other topic related to this concept is welcome.

In this workshop, the following topics will be considered (but not limited to):

- Flexible, reconfigurable end-to-end mobile network architectures,
- flexible function allocation and placement,
- mobile edge, cloudlet, cloud computing for assisting radio access networks (RAN) in 5G mobile networks,
- virtualization of network functions and elements,
- virtual radio access technologies (RAT),
- flexible management, self-organized networks, CORD, mobile CORD,
- multi-context awareness, multi-service and multi-tenancy and network slicing,
- adaptation to the underlying networking and computing infrastructure,
- dynamic and energy-efficient RAN and elasticity in RAN,
- programmable RAN and software-defined architectures,
- flexible backhauling,
- control-data plane split,
- runtime flexibility in verticals,
- security and privacy in flexible networks,
- flexible public radio interfaces,
- flexibility in/for machine-type communication and IoT,
- fog computing for IoT.

## Important Dates:

Paper Submission: 18 November 2016
Notification Date: 17 February 2017
Final Paper: 10 March 2017

## Organizing Committee:

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