

TITLE OF TUTORIAL: THz communications – an overview and options for an IEEE 802 standardization

NAME OF PRESENTERS, THEIR AFFILIATIONS AND CONTACT INFO:

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OTHERS (TBD)

ABSTRACT:

Over the last couple of years in particular, THz communications, i. e. the frequency range beyond 275 GHz, has become an attractive new research area for commercial development. It has reached a level of maturity that a couple of projects are now underway to develop technological solutions enabling the set-up of hardware demonstrators. Additionally, standardization and regulatory activities are already taking off. In October 2017, IEEE published IEEE Std. 802.15.3d-2017, the first global wireless communications standard operating in the 300 GHz frequency band for high speed wireless links in data centers. In parallel with the standardization process, there is activity at the ITU-R level focusing on the provision of an appropriate regulatory framework for consideration at the World Radio Conference 2019 (WRC-2019) via the dedicated agenda item 1.15. This tutorial will provide a brief overview on the current status of the development of THz Communication systems focusing on ongoing research activities such as the European Horizon 2020 framework, and provide an overview of the ongoing WRC 2019 preparations, as well as discussing the potential for IEEE 802 to play a major role in this interesting frequency range.

TUTORIAL SESSIONS – MONDAY NOVEMBER 12, 2018

SESSION 2

7:30 PM – 8:50 PM

TITLE OF TUTORIAL: The new LMSC P&P, WG P&P and how to take good minutes

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ABSTRACT:

The new Sponsor Policies and Procedures and Working Group Policies and Procedures will have some changes in the operation of the Working Groups as well as new requirements for volunteers who take minutes during our meeting. We will present the key procedure changes from the new P&P. In addition, we will cover the requirements for taking minutes and provide examples of good minutes and bad minutes.

SESSION 3

9:00 PM – 10:20 PM

NO TUTORIAL SCHEDULED FOR THIS TIME SLOT