

## Special Session on 6G – WPMC 2022

**Title:** Connecting Intelligence in 6G

**Organizers:**

- Dr. Mérouane Debbah, TII, UAE, email: [Merouane.Debbah@tii.ae](mailto:Merouane.Debbah@tii.ae)
- Dr. Daniel Benevides da Costa, TII, UAE, email: [Daniel.Costa@tii.ae](mailto:Daniel.Costa@tii.ae)

**Program:**

- Opening Address (5 min)
- Keynote Talk (50 min)
- Technical Session with 4 papers (60 min)
- Panel Session (50 min) – Title: From Connected Things to Connected Intelligence
- Closing Remarks (5 min)

**Duration:** 3 hours

---

**Keynote Speaker (Confirmed):** Dr. Peiying Zhu, Senior Vice President of Wireless Research, Huawei

**Biography:** Dr. Peiying Zhu, Senior Vice President of Wireless Research, is a Huawei Fellow, IEEE Fellow, and Fellow of the Canadian Academy of Engineering. She is currently leading 5G and beyond wireless research and standardization in Huawei. The focus of her research is advanced radio access technologies. She is actively involved in 3GPP and IEEE 802 standards development. She has been regularly giving talks and panel discussions on 5G vision and enabling technologies. She led the team to contribute significantly to 5G technologies.

Prior to joining Huawei in 2009, Peiying was a Nortel Fellow and Director of Advanced Wireless Access Technology in the Nortel Wireless Technology Lab. She led the team and pioneered research and prototyping on MIMO-OFDM and Multi-hop relay. Many of these technologies developed by the team have been adopted into LTE standards and 4G products. Dr. Zhu has more than 200 granted patents.

**Panelists (Confirmed):**

- Prof. Mohamed-Slim Alouini, KAUST, email: [slim.alouini@kaust.edu.sa](mailto:slim.alouini@kaust.edu.sa)
- Dr. Jakob Hoydis, NVIDIA, email: [jhoydis@nvidia.com](mailto:jhoydis@nvidia.com)
- Prof. Tarik Taleb, University of Oulu, email: [Tarik.Taleb@oulu.fi](mailto:Tarik.Taleb@oulu.fi)
- Prof. Sinem Coleri, Koc University, email: [scoleri@ku.edu.tr](mailto:scoleri@ku.edu.tr)

**Technical Session:**

The selected papers will go through a regular review process and will be selected based on their qualities and timeliness.

**Abstract:**

The standardization for 5G wireless systems is maturing and researchers around the world have already started to look at beyond the 5G systems. Although the next G gossip is at a premature stage, this Special Session aims to bring together practitioners and researchers from both academia and industry for discussions and technical presentations of the vision, challenges and key enabling technologies envisioned by the wireless community. It will be composed of one invited talk, one technical session, and one panel session.