

Ladies and Gentlemen

Wishing you a very warm morning!

I am Prof. Riku Jantti, head of the Communications and Networking Department, in the School of Electrical Engineering, Aalto University. For those that have not had the chance to visit Aalto University, it is just 15 min by public transportation far away from here, in a neighboring city called Espoo. You are certainly most welcome to visit the university. It is the leading Finnish University, particularly in the area of telecommunications. As a matter of fact and according to Shanghai subject rankings of 2017, telecommunications engineering of Aalto University is ranked 31st in the world. It is the highest ranked engineering discipline in Finland! As head of the Communications and Networking Department, and on behalf of my colleagues in the department, we are very proud of being part of this discipline and are further proud for largely contributing to its high ranking.

Now and after this very short introduction to Aalto University, and on behalf of the Organizing Committee, it is with great pleasure that I welcome you to the Helsinki5GWeek, which consists of today's IEEE 5G-IoT Summit and the IEEE 2017 Conference on Standards for Communications and Networking.

This series of events will provide a comprehensive vision of the emerging trends towards the upcoming 5G networks, especially accounting for the vertical perspectives, offering several distinguished keynotes, several panels and a dozen of technical sessions.

I am confident that the Helsinki5GWeek will be an excellent networking and publicity event for many of you, and as you may notice, there is a strong presence of industry in this event. Indeed, representatives of all main stakeholders in the future 5G ecosystem are taking part in the Helsinki5Gweek, and this includes network vendors and operators to several expected 5G verticals. A very long list of companies is involved in this event and that includes Nokia, DOCOMO, ABB, Ericsson, Huawei, AT&T, Telenor, Orange, and many others. I am sure this is a great opportunity for many of us to learn and interact among ourselves on how 5G systems shall support promising use cases, such as healthcare, Industry 4.0, and automotive.

In this regard, I am truly thankful to all the distinguished speakers that have kindly accepted to take part in Helsinki5GWeek and share with us their knowledge and insights on this promising 5G mobile system and its potential verticals.

Today is fully dedicated to the IEEE 5G-IoT Summit and from tomorrow, the IEEE CSCN'17 conference will start. The conference consists of several sessions that consist, in turn, of several technical papers reviewed and selected by an international technical program committee representing both academia and industry, with a strong standardization background. In this regard, I would like to express my sincere gratitude to the Technical Program Chairmanship, particularly Dr. Konstantinos Samdanis from Huawei and Dr. Athul Prasad from Nokia Bell Labs for the excellent work they have done in putting this interesting program. A big thank you goes also to every track chair, and a bigger thank you goes to all TPC members, reviewers and authors, without whom the conference would not have taken place.

I am confident that the conference will be an interesting platform for presenting and discussing standards-related topics in the areas of communications, networking and related disciplines, facilitating standards development as well as cooperation among the key players. The recent advances in the main standardization bodies, such as IEEE, 3GPP, BBF, IETF, and ITU-T, will be extensively discussed during the conference. I sincerely hope that all of you will find in the conference, answers and insights on any questions you may have on the standards of the different bodies working on the 5G mobile system.

Ladies and Gentlemen

We would not have been able to organize this Helsinki5GWeek without the generous and highly-appreciated support of our patrons. Here, I would like to acknowledge our Platinum Patron, NOKIA BELL LABS, our Gold Patrons, TEKES – Finnish Funding Agency and IEEE Standards Associations, our Silver Patron, IEEE 5G Initiative, and last but not least, our Bronze Patron, Rohde and Schwarz.

Being Finnish, I am very delighted and thankful to the CSCN steering group for accepting the organization of this event in Finland and particularly in Helsinki. The Helsinki Metropolitan Area, that includes Espoo, Vantaa and Kauniainen is home to several universities and technology institutes. It brings innovation to all levels of daily life. The area is known for its beautiful nature, green forests, lakes and islands, relaxing saunas, and world's finest restaurants. I sincerely wish all of you an exciting stay in Helsinki and a very successful Helsinki5GWeek.