

# Schedule

11:30

REGISTRATION AND LUNCH

12:00

OPENING

Dean Mika Grundström, Computing and Electrical Engineering, TUT

12:05

5G - WHERE ARE WE NOW?

Nokia internal consultant Matti Keskinen, Nokia Oyj

12:25

FUTURE INFRASTRUCTURE - ONE OR MANY NETWORK OPERATORS?

Professor Jukka Lempiäinen, TUT

12:45

RADIO POSITIONING AND RADIO-BASED SENSING IN 5G AND BEYOND

University Lecturer Jukka Talvitie, TUT

13:10

PITCH AND CATCH

**1 5G URLLC - technology for transforming vertical industries**

Dr. Toni Levanen, Electronics and Communications Engineering, TUT

**2 Reliable 5G-Grade Connectivity for Intelligent Moving Machines**

Dr. Sergey Andreev, Electronics and Communications Engineering, TUT and King's College London (KCL), UK

**3 UAV connectivity with future mobile networks**

Dr. Joonas Säe, Electronics and Communications Engineering, TUT

**4 5G usages in Aviation**

Associate Professor Elena-Simona Lohan, Electronics and Communications Engineering, TUT

**5 Implementing THz solution for faster communications**

Professor Evgeny Kucheryavy, Electronics and Communications Engineering, TUT

13:30

SCIENCE PLAYGROUND

Coaches Marja Hyypiä & Leena Köppä

14:15

LAB VISIT (MAX. 10 PEOPLE)

Wireless Communications and Positioning

Presenter: Dean Mika Grundström, Computing and Electrical Engineering, TUT