



## **First face-to-face meeting as Technical Committee**

**Monday May 21, 2018 09:00-10:00 am**

### ➤ **Welcome & Introduction**

- Meryem Simsek – present
- Falko Dressler – present
- Oliver Holland – present
- Latif Ladid – excused
- ~ 25 attendees

### ➤ Highlights of the Globecom 2017 Meeting

- Meryem Simsek summarized the highlights of the Globecom 2017 face-to-face meeting, which are
  - report of activities on workshops, tutorials, SAC track at Globecom and special issues planned
  - teaser talk by Toktam Mahmoodi, King's College London
  - summary of project activities by Peter Rost, Nokia Bell-Labs, and by Alireza Shams, Oulu University

### ➤ History of the TI-TC

- Meryem Simsek presented the TC's activities since its starting date in June 2015
  - Initiated at ICC'15
  - More than 10 workshops and tutorials organized since then in IEEE ComSoc flagship conferences
  - Started the standardization working group IEEE P1918.1 in 2016
  - Two special issues in IEEE JSAC and Proceedings of IEEE
  - Starting in 2018, a new TI track in Globecom SAC
  - A technical committee since Globecom 2017

### ➤ Election of new positions

- The following names have been selected for the following positions:
  - Chair: Meryem Simsek
  - Co-chair: Falko Dressler

- Secretary: Oliver Holland
    - Publicity chair: Latif Ladid
    - Other? standardization liason
  - It needs to be checked if the names of the positions require any change, e.g. vice-chair instead of co-chair.
- Discussion on new activities
  - There was a fruitful discussion on new activities of the TC
  - It has been commonly accepted to prepare a white paper to precisely describe the Tactile Internet and distinguish it from IoT and 5G
  - The following special interest groups have been proposed
    - Architecture (mainly driven by Zaher Dawy, Adnan Aijza, Sharief Oteafy, Nikolaos Pappas)
    - Applications (tbd)
    - Network intelligence (tbd)
  - It has been discussed to work on a TI series within the IEEE CommMag
  - A track within SAC Globecom has been started. The plan is to advertise it so that many contributions are received and the track and be moved to a symposium
  - Newsletter or Blog will be an option to share news on activities
  - It needs to be checked if PNPs are mandatory. If yes, the TC will prepare a PNP
- Report on standards activities
  - Meryem Simsek presented the ETSI ISG IPv6 activities
  - Oliver Holland presented the IEEE P1918.1 activities
- Report on conferences
  - Several events are organized by the TC
    - IEEE ICC 2015: Workshop on [“5G & Beyond – Enabling Technologies and Applications”](#)
    - IEEE Globecom 2015: Workshop on [“Ultra-Low Latency and Ultra-High Reliability in Wireless Communications”](#)
    - IEEE WCNC 2016: Workshop on [“IEEE International Workshop on 5G & Beyond – Enabling Technologies and Application with focus on the Tactile Internet & Vertical Industry”](#) (workshop program)
    - IEEE Globecom 2016: Workshop on [“Ultra-Reliable and Low-Latency Communications in Wireless Networks \(URLLC\)”](#)
    - IEEE Globecom 2016: Workshop on [“Wireless Networking, Control and Positioning for Unmanned Autonomous Vehicles”](#)
    - IEEE WCNC 2017: Workshop on [“5G & Beyond – Enabling Technologies and Applications with focus on the 5G Tactile Internet \(5G TACNET\)”](#)

- IEEE Globecom 2017: Workshop on “[Ultra-Reliable and Low-Latency Communications in Wireless Networks \(URLLC\)](#)”
  - IEEE ICC 2018: Workshop on “[5G & Beyond – Enabling Technologies and Applications with focus on the 5G Tactile Internet \(5G TACNET\)](#)”
  - IEEE Globecom 2018: Workshop on “[Ultra-Reliable and Low-Latency Communications in Wireless Networks \(URLLC\)](#)”
  - IEEE Globecom 2018: TI track in Selected Areas of Communications (SAC) Symposium
  - IEEE Globecom 2019: TI track in Selected Areas of Communications (SAC) Symposium
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- Report on publications
    - Two special issues have been organized by the TC. Thank you to all the authors!
      - Special issue in JSAC  
<https://www.comsoc.org/jsac/cfp/emerging-technologies-tactile-internet-and-backhaulfronthaul-networks>
      - Special issue in Proceedings of IEEE  
<http://proceedingsoftheieee.ieee.org/upcoming-issues/tactile-internet/>
  
  - Any other Business
    - Website needs to be updated
    - The TC needs a new web master