



Online meeting of the Tactile Internet Technical Committee

Thursday, July 29, 2021, 9:00 AM-10:00 AM PST

- Welcome & Introduction
 - Meryem Simsek – present
 - Falko Dressler – present
 - Oliver Holland – present

- Highlights of the Globecom 2020 Meeting
 - Meryem Simsek summarized the highlights of the Globecom 2020 online meeting, which included
 - Discussion on Tactile Internet TC charter and history
 - Updates on activities: student competition, Sis, SSs, tutorials, workshops, conferences
 - Launch of new SIG on IoT in the TI – a cross-TC SIG with the IEEE IoT AhSN TC
 - Launch of webinar series
 - Report on awards:
 - Sharief Oteafy received the TI TC service award
 - Eckehard Steinbach received the TI TC technical contribution award
 - Report on standardization activities
 - Report on P&P updates
 - Announcement of upcoming webinars
 - Plans for 2020-2022

- History of the TI-TC
 - Meryem Simsek presented the TC's activities since its starting date in June 2015 as ETI,
 - Its evaluation to a TC in 2018
 - Its standardization activities within IEEE
 - Its organization and support of workshops, tutorials, special sections, tracks, as well as special issues in journals,

- Its meetings with highly engaged members and invited guest speakers.
 - Meryem Simsek presented the TC charter and introduced the tactile internet definition
- Tactile Internet is gaining momentum at a global scale
- Report on activities
 - Call for distinguished lecturers
 - Sponsoring TI track within SAC symposium at Globecom and ICC, other symposia, e.g., NGNI, IoT & Ad hoc sensor networks
 - Engagement with other TCs, e.g., IoT, Ad Hoc & Sensor networks
 - A cross-TC SIG on IoT in the Tactile Internet has been formed
 - Updating P&Ps according to IEEE ComSoc P&P updates
 - Call for nominations for TC award candidates under preparation and will be announced once P&Ps section is updated
 - Discussion with other IEEE societies for joint activities
 - Standardization; the IEEE P1918.1 draft standard is almost ready for a letter ballot
 - Update of TC website
 - Meeting minutes and slides, voting members and other activities are uploaded to the website regularly
 - Webinar series has started, and interdisciplinary experts are invited for online presentations
 - Project presentations:
 - Using AI for XR by Harold Dumur, OVA.ai, Canada
 - ADAMO (Adaptive Fluid dynamics for Motorbikes), Stefano Giordano, University of Pisa, Italy
 - Low Latency Communications for Wireless Networks: Exploiting Traffic Characteristics & Information Handling in Industrial IoT, Nikolaos Pappas, Linkoping University, Sweden
 - Remote Robotic Control via Wireless Networks: Scotland 5G Centre Demo for URLLC Use Case, Guodong Zhao, University of Glasgow, UK
 - Report on Standardization activities
- Discussion on new activities
 - Involvement of members from various regions/chapters
 - Increase of #activities
 - Additional SIGs to be launched
 - Engagement with other TCs and societies
 - Introduction of newsletter
- Report on standards activities
 - Oliver Holland provided a brief update on IEEE standards activities, including progress with the architecture and use cases development for the baseline IEEE 1918.1 standard, and the current progress with

phases of work in the IEEE 1918.1.1 Haptic Codecs task group. IEEE 1918.1 is close to complete the draft standard, i.e., the content is ready, and the document formatting is the only remaining item before the ballot.

- Any other Business was discussed as follows
 - # subscribers to the mailing list: ~200
 - Website administration
 - Suggestions for improvements?
 - Further ideas?