



IEEE AP-S TC3 Workshop on Propagation and Channel Modelling for Standardisation (Final Program)

Location: ParkInn Hotel, Ul. Monte Cassino 2, Kraków, 31-337, Poland

15 August 2026

Session Organizers: Thomas Kürner, TU Braunschweig, Germany; Sana Salous, Durham University, UK

For standardisation and regulation, propagation and channel models are key for the development of wireless standards. Organisations where channel modelling activities are carried out are ITU-R Study Group 3, with well recognized recommendations, used by regulators and industry worldwide, while 3GPP develops channel models that are the basis for the system selection in cellular systems. Corresponding activities are carried out at IEEE 802 for the development of WiFi. For the higher frequencies in the sub-THz frequency range both the ITU SG3, ETSI ISG THz and IEEE 802.15 SC THz are working towards channel models. In this workshop speakers, which are involved in these standardisation bodies will speak about these activities and will provide an overview of future requirement.

Time	Talk
10:00-11:30	<i>Introduction (10 min.)</i> Sana Salous, Durham University, Durham, UK Thomas Kürner, Technische Universität Braunschweig, Germany <i>Emerging Trends in RF Propagation Modeling: Perspectives from the NextG Channel Model Alliance (40 min)</i> Nada Golmie, NIST, USA <i>6G Channel Modelling in 3GPP: Advances and ISAC Support (40 min)</i> Christina C. Larsson, Ericsson Research Gothenburg, Sweden
11:30-12:00	<i>Coffee Break</i>
12:00 -13:00	<i>Propagation and Channel Modelling at ITU-R SG3 (30 min)</i> Sana Salous, Durham University, Durham, UK <i>Standardization of the Clutter Loss Model for Slant Paths in ITU-R P.2108 (30min)</i> Ke Guan, Beijing Jiaotong University, China
13:00-13:50	<i>Lunch break</i>
13:50-15:40	<i>Channel Modelling in ETSI ISG THz (40 min)</i> Mate Boban, Huawei, Munich, Germany <i>Channel modelling for IEEE Std 802.15.3 (30 min)</i> Thomas Kürner, Technische Universität Braunschweig, Germany <i>Channel Modelling Activities of IEEE P1944 (40 min)</i> Michael Walter, DLR, Germany
15:40 -16:10	<i>Coffee break</i>
16:10-17:10	<i>Channel Modelling for Wireless Body Area Networks (30 min)</i> Slawomir Ambroziak, Gdansk University of Technology, Poland Panel Discussion with all workshop speakers (30 min)