

Activity Report URSI-F

20 July 2021

1. Commission meetings in the period of July 2020- March 2021

13 May 2021 Online 9 members attended
Selection of URSI-F committee members
Schedule of meetings in FY2021
On the election of URSI-F committee

11 June 2021 Online 9 members attended
Schedule of meetings in FY 2021
Selection of invited talk of URSI-F IEICE AP technical committee meetings

2. Meetings

(For more detail, please see <http://ursi-f.nict.go.jp/>)

No. 646 Meeting July 15-17, 2020, Online

This meeting is co-sponsored by IEICE Technical Committee on AP, IEICE Technical Committee on SANE, IEICE Technical Committee on SAT, IEEE AP Society Tokyo Chapter, and IEEE AES Society Japan Chapter.

No. 647 Meeting Adjournment due to COVID-19

No. 648 Meeting October 2, 2020, Online

This meeting is co-sponsored by IEICE Technical Committee on AP, and IEEE AP Society Fukuoka Chapter.

No. 649 Meeting November 25, 2020, Online

This meeting is co-sponsored by IEICE Technical Committee on SANE, and IEEE AES Society Japan Chapter.

No. 650 Adjournment due to COVID-19

No. 651 Meeting January 21-22, 2021, Online

This meeting is co-sponsored by IEICE Technical Committee on AP, IEICE Technical Committee on WPT, and IEEE AP-S Tokyo Chapter.

URI-F Special lecture

An Experimental Study to Estimate the Reduction Range of Transmission Power Control at Client Terminals in IEEE 802.11ax Uplink Multi-User Transmission Using OFDMA
Takashi Matsudo (Net One Systems co.ltd.)

No. 652 Meeting Adjournment due to COVID-19

No. 653 Meeting Adjournment due to COVID-19

No. 654 Meeting May 21, 2021, Online

This meeting is co-sponsored by IEICE Technical Committee on AP and IEEE AP Society Tokyo Chapter.

No. 655 Meeting June 11, 2021, Online

Radio Propagation Extrapolation Based on Propagation Path Division Using Surrounding Transmitter Information
Shougo Matsuo, Sunao Miyamoto, Keita Katagiri, Takeo Fujii (The University of Electro-

Communications)

The Effects of Ground Wind Velocity and Upper Air Rain Area Motion on the Rain Attenuation Characteristics in Satellite Communications Links

Yasuyuki Maekawa, Yoshiaki Shibagaki (Osaka Electro-Communication University)

Observation of Water Vapor Content Near the Surface of the earth Using Terrestrial Digital Broadcasting Waves – Preparation Status for the Kyushu Observation Campaign –

Hiroshi Hanado, Kaya Kanemaru, Seiji Kawamura, Katsuhiko Nakagawa (National Institute of Information and Communications Technology: NICT), Nobunori Kitai, Toshimichi Hiruma,, Ayumu Sasaki, Takuya Watanabe (NIPPON ANTENNA), Shingo Shimizu (National Research Institute for Earth Science and Disaster Resilience :NIED)

No. 656 Meeting July 28-30, 2021, Online

This meeting is co-sponsored by IEICE Technical Committee on AP, IEICE Technical Committee on SANE, IEICE Technical Committee on SAT, IEEE AP Society Tokyo Chapter, and IEEE AES Society Japan Chapter.

URSI-F Special lecture

Research and Development of a Radio Environment Model for Unmanned Aerial Vehicle Flights Beyond Visual Line of Sight

Shoichi Kitazawa (Muroran Institute of Technology)

3. Others