

Feb. 2010

Activity Report of URSI-F

Reported by Y. Yamaguchi (Chair)

1. Commission meetings in the period of Nov 2009 – Feb. 2010(For more detail, please see <http://www2.nict.go.jp/pub/ursi-f/>)

(1) No.539 Meeting

Date: Nov. 20, 2009 Place: Tokyo Institute of Technology (Tokyo)

Three papers were presented:

1. Measurement of propagation characteristics in a tunnel for 4.9 GHz wireless LAN
2. Analysis of propagation inside an arched tunnel using ray tracing simulation
3. Recent topics in ITU-R SG3 for standardization of radiowave propagation technologies

(2) No. 540 Meeting

Date: Dec. 18, 2009 Place: National Institute of Information and Communication Technology (Koganei)

1. Calibration of electric field probe for immunity test in gigahertz transverse electromagnetic (GTEM) cell
2. Analysis of propagation inside an arched tunnel using ray tracing simulation
3. Recent topics in ITU-R SG3 for standardization of radiowave propagation technologies

(3) No. 541 Meeting

Date: Jan. 21-22, 2010 Place: Tokiwa Kogyo Kaikan (Yamaguchi)

This meeting was held under the co-sponsorship of the IEICE professional groups on AP and IEEE AP-S Japan Chapter Chapter and Fukuoka Chapter. Three papers relevant to the field of URSI-F were presented:

1. Application of PSO to radio channel parameter estimation with SAGE algorithm
2. Pol-InSAR image analysis by using modified volume scattering model
3. A study on buried multi-target position estimation and material judgment of target by UWB ground penetrating radar

For more details, please see:

http://www.ieice.org/ken/program/index.php?mode=program&tgs_regid=67516cda41113230813d972020b19dfdd372247464c773ca05b77b78792066a7&tgid=AP&layout=&lang=**2. Commission meeting to be scheduled** <http://www2.nict.go.jp/pub/ursi-f/#meeting>

No.542 Meeting Date: Mar. 5, 2010 Place: NTT Yokosuka Research Center

No.543 Meeting Date: Apr. 23, 2010 Place: Kanto Gakuin University, Tokyo

3. Others

IGARSS 2011 will take place in Sendai, Japan during August 1-5, 2011.

Asia-Pacific Synthetic Aperture Radar (APSAR 2011) will be held in Seoul, Korea, which deals with recent radar technology. Date: Sept. 26-30, 2011.

Second Call for Papers is issued for AP-RASC 2010.