

Commission G

1 URSI (Chicago)

Commission G sessions were held for G1. Open session and latest results, G2. Density profiling and models, G3. Irregularities and scintillation, G4. Assimilation and imaging of the ionosphere and Plasmasphere, G5. Radar studies, G6. Improving radio systems through ionospheric radio science (trans- and subionosphere, radio propagation), GF -Radio occultation - techniques, validation, science and applications, GH. Radio sounding techniques for the ionosphere and magnetosphere, GHE. Modification of the ionosphere and magnetosphere, and GP. Poster sessions.

2 International Reference Ionosphere (IRI)

URSI/COSPAR IRI workshop will be open at Kagoshima University from November 2 to 7, 2009. The business meeting will be in November 7, 2009. Topics are (1) regional modeling of ionosphere, and (2) Ionosphere/ Thermosphere/ Lithosphere Coupling. LOC chair is S. Watanabe of Hokkaido University.

3 Scientific Rocket

A sounding rocket (S-310-39) was launched successfully from Andoya of Norway in January 26, 2009 to study atmospheric winds and turbulence in the upper atmosphere. The EISCAT radar and ground based observations such as All-sky cameras were simultaneously operated.

A sounding rocket (S-520-26) will be launched from JAXA/Uchinoura in August 2010 to understand a coupling process between ionosphere and thermosphere resulting in super rotation of thermosphere in middle and low latitudes.

4 International Scientific Meeting

- (a) 11th the International Association of Geomagnetism and Aeronomy (IAGA), Sopron Hungary, 2009