

Commission G

1. Space Environment Data Acquisition equipment - Attached Payload (SEDA-AP) has been installed on ISS/JEM (Kibo) to measure space plasma, atomic oxygen and energetic particles in radiation belt for every second. ISS has an altitude of 400 km, and an inclination of 51.6 degrees.
2. The variation of ionospheric plasma associated with solar eclipse in July 22, 2009 was measured by
 - a) Solar-Terrestrial Environment Laboratory, Nagoya University:
VLF waves, Magnetic field at Tarumizu, Kagoshima, Japan
 - b) Space Environment Research Center, Kyushu University
Magnetic field at Amami and Tocharian
 - c) Toyama Prefectural University
873 kHz and 60 kHz waves to measure ionospheric D layer density decrease
 - d) Research Institute for Sustainable Humanosphere, Kyoto University
Mu radar to measure plasma irregularities in E and F layers, ionospheric tomography by 3 satellite signals
 - e) National Institute of Information and Communications Technology
Ionospheric plasma measurements by bottom side sounding, and modeling of ionospheric plasma density
<http://133.243.237.146/IONO/SolarEclipse2009>
http://ecl09sim.nict.go.jp/index_simu.html
3. International Meeting
URSI/COSPAR International Reference Ionosphere (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. Abstract deadline is September 1.