

**International Reference Ionosphere Real-Time (IRI-RT)
PROGRAMME
Thursday, March 15, 2012**

Morning session,

Chair: Lee-Anne McKinnell

- 9:30 – 9:40** opening remarks
Bilitza, D.
- 09:40-10:00** The Real-Time International Reference Ionosphere – Plans and Progress
Bilitza, D.
- 10:00-10:20** Applications of Auroral Images from Multiple Satellites and a Solar Wind/IMF Dependent Auroral Model
Zhang, Y., L. J. Paxton, and D. Bilitza
- 10:20-10:40** Monitoring of High-latitude TEC Fluctuations during Solar Minimum
Krankowski A., I. Cherniak, R. Sieradzki, and I. Zakharenkova

Coffee break

Chair: Dieter Bilitza

- 11:00-11:20** Creating New Maps of foF2 for IRI
Huang, X., B. Reinisch, I. Galkin, and D. Bilitza
- 11:20-11:40** Assimilative Electron Density Profiles for IRI using Real-Time GIRO Data
Galkin, I., B. Reinisch, X. Huang, and D. Bilitza
- 11:40-12:00** IRI-Plas in Real Time: the Ionospheric foF2, hmF2 and W-index Global Maps Produced from Hourly GPS-TEC Maps
Gulyaeva, T.L., F. Arikani, M. Hernandez-Pajares, I. Stanislawski, and U. Sezen
- 12:00-12:20** Real Time Forecasting Tool for hmF2 at Midlatitudes Combining Quiet and Disturbance hmF2 Models
Blanch, E., S. Magdaleno, D. Altadill, and J.M. Torta

Lunch

Afternoon session

Chair: Bodo Reinisch

- 14:00-14:20** Comparison of IRI with Electron Density/Temperature Observations in the Low Latitude Topside Ionosphere
Watanabe, S., Y. Kakinami, and H. Liu
- 14:20-14:40** IRI VTEC Predictions at Middle Latitude Stations of the North American Sector for Low Solar Activity
Ezquer, R.G., M.A. Cabrera, J.L. López, M.R. Albornoz, S.M. Radicella, and M. Mosert
- 14:40-15:00** Multi-Resolution Representation of VTEC in Near Real-Time
Schmidt, M., D. Dettmering
- 15:00-15:20** Two Possible Approaches for Ionospheric Forecasting to be Employed along with the IRI Model
Şenalp, E.T., İ. Ünal, A. Yeşil, Y. Tuluay, and E. Tuluay
- 15:20-15:40** Comparison of the Kharkiv Incoherent Scatter Radar Data with IRI-2007 Calculations
Kotov, D., M. Lyashenko, and M. Siusiuk
- 15:40-16:10** Final Discussions and Plans
- 16:10** closing