

GIRO: GLOBAL IONOSPHERIC RADIO OBSERVATORY

IGF



2011

XIII INTERNATIONAL GIRO • FORUM

Second Announcement

May 10-13, 2011
Lowell, Massachusetts, U.S.A.



Forum Venue

*"Gyrating" stairs in Wannalancit building
Lowell, Massachusetts (1830)*

The **Thirteenth International GIRO Forum (IGF-2011)** is organized by the Center for Atmospheric Research in cooperation with Lowell Digisonde International, LLC. The forum is planned for the period 10-13 May 2011. This is the week prior to the Ionospheric Effects Symposium in Alexandria, VA. The forum fee will be \$800 per person or \$1,200 for two or more persons from the same organization.

IGF-2011 will concentrate on the status and use of the UMLCAR-operated Global Ionospheric Radio Observatory (GIRO) with its 30+ million record DIBase and DriftBase resident archives and 40+ near-real-time data feeds, as well as new research applications, quality control, and scientific data interpretation for the Digisonde family of instrumentation. Hardware and software developments for the latest model of the GIRO sensor instrumentation will be presented.

Additional topics will cover information about precision ranging, principles of data quality control of ARTIST-5 autoscaling, SAO.XML model for ionospheric data exchange, high cadence ionogram and skymap/drift measurements for coordinated experiments with HAARP, and space weather applications, including the ongoing development of the real-time extension of the International Reference Ionosphere (IRI) Ne model based on GIRO real-time data streams.

The participants will be able to attend hands-on sessions for data analysis software and visit our station at Millstone Hill Observatory. The forum's social event is scheduled for Wednesday evening. Please register as soon as possible, so that we can prepare accordingly. A forum registration form is enclosed for your convenience. We encourage participants to register electronically by emailing the registration form information to Lynne_Schaufenbil@uml.edu. **Please register by March 11, 2011.** You can find lodging suggestions at <http://ulcar.uml.edu/directions>, and Lynne will help you to make reservations.

Bodo W. Reinisch
Chairman, International Digisonde Users Group
CEO, LDI
<http://digisonde.com/>

Ivan A. Galkin
Project Director, GIRO
UMLCAR
<http://ulcar.uml.edu/>

Paul Song
Director, UMLCAR

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