

IGF



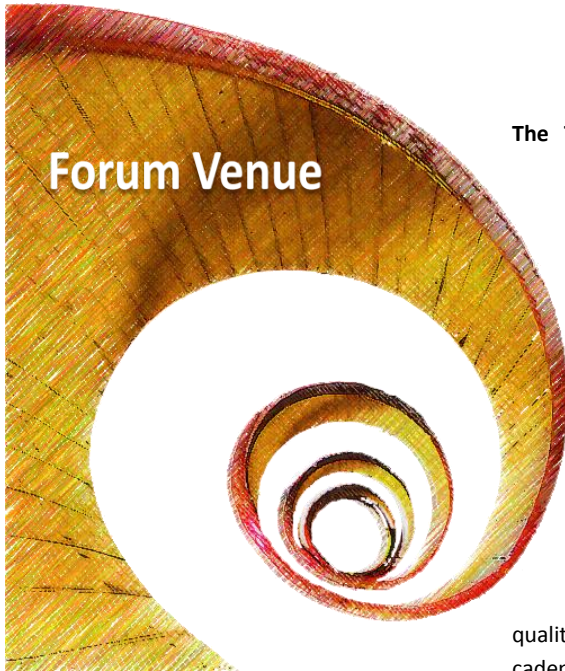
2011

XIII INTERNATIONAL

GIRO ♦ FORUM

First 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) will be held at the University of Massachusetts Lowell, hosted 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 DIDBase 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. You can find lodging suggestions at <http://ulcar.uml.edu/directions>, and Lynne will help you to make reservations.

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GLOBAL IONOSPHERIC RADIO OBSERVATORY

UNIVERSITY OF MASSACHUSETTS LOWELL
UMLCAR
CENTER FOR ATMOSPHERIC RESEARCH

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