Agenda
BALTRAD+ User Forum IV
Date: 21th - 22nd November 2013
Venue: Hotel Crowne Plaza, Nürnbergerstraße 65, D-10787 Berlin

Weather forecasts that warn of hazardous conditions, e.g. snow storms or floods, help save lives and property. Accurate and timely forecasts also help optimize activities for several sectors of the economy. Weather radar systems are capable of monitoring rain, snow, hail, and wind over large geographical areas with high resolution in both time and space. Several weather radar systems can be networked to cover countries, regions, and even continents.

The BALTRAD+ partnership has delivered the world's first international weather radar network supporting the latest generation of advanced radar providing real-time high-quality data with demonstrated value for end-users. This software has been produced according to open source principles, and is available for everybody at http://git.baltrad.eu/.

The Fourth and final User Forum in Berlin provides a comprehensive overview about the main achievements of the project and the features of the BALTRAD software system. Central to the event are demonstrations of products for end-users that have been developed as well as international cooperations the project has established during the lifetime of the project. The user-oriented aspects will be complemented by a technical training, especially on aspects related to installing, configuring and running BALTRAD+ software.

Further information on BALTRAD+ is available on www.baltrad.eu.

21st November 2013

12:30 - 14:00 Lunch and welcome of participants

14:00 - 18:00 BALTRAD User Forum IV, Part 1: Do-it-Yourself technical workshop

Based on previous successes, this hands-on DiY workshop will focus on technical training, especially on aspects related to installing, configuring and running BALTRAD+ software. Code development, testing and bug/issue management will also be addressed. Participants are invited to bring along their Linux notebook computers and get a BALTRAD node running on it by the end of the session.

The DiY workshop will be led by Maciej Szewczykowski (IMGW), Jesper Ellerbaek Nielsen (University Aalborg, and Daniel Michelson (SMHI).

Participants can learn how to prepare their Linux computers by following the instructions available at http://git.baltrad.eu/req.html and by ensuring that they have a Git client installed prior to the event.

The workshop will be opened by the BALTRAD+ project manager Daniel Michelson who will present a systems overview and the main features of the BALTRAD system.

20:00   Workshop dinner

09:00 - 15:00   BALTRAD User Forum IV, Part 2 (user oriented)

Session 1: BALTRAD achievements and international links

- Welcome and introduction to today's programme, Daniel Michelson, SMHI

- BALTRAD features, achievements and lessons, Daniel Michelson, SMHI

- OPERA – European radar networking, Elena Saltikoff, FMI

Coffee break

- Hazard assessment based on radar-based rainfall nowcasts at the European scale: the HAREN project, Marc Berenguer, Centre de Recerca Aplicada en Hidrometeorologia CRAHI-UPC, Barcelona

- Quality control in a heterogeneous national weather radar network, Alan Seed, Australian Bureau of Meteorology

- The Russian weather radar network (tbc)

Lunch break

Session 2: BALTRAD applications, practical experiences

- The benefits of using BALTRAD weather radar data in the HydroNET Water Control Room, Leanne Reichard, Hydrologic

- The BALTRAD cookbook: a documentation reference collection of data processing algorithms, Jarmo Koistinen, FMI

- BALTRAD application for nuclear safety, Tuomas Peltonen, STUK

- BALTRAD application for urban hydrology, Michael Rasmussen, Aalborg University

- BALTRAD application for NWP, Martin Ridal, SMHI (tbc)

- The future of BALTRAD, Daniel Michelson, SMHI