

Announcement

Summer school on applications of weather and cloud radars

Hyytiälä, Finland, June 9-13, 2014

The summer school is an advance course intended for graduate students, scientists and operational users who want to receive an up-to-date knowledge on weather and cloud radar principles and applications. The course is build around a combination of lectures and hands-on experience using data from US DOE ARM radars, Univ. of Helsinki dual-polarization weather radar and CSU-CHILL radar national facility.

The course topics include: dual-polarization weather radar applications, mm-wave cloud radars and their applications, analysis of Doppler power spectra, radar-lidar synergy, data quality and radar calibration.

Lecturers:

- Asst. Prof. Dmitri Moiseev, University of Helsinki
- Prof. V. Chandrasekar, Colorado State University and University of Helsinki
- Assoc. Prof. E. O'Connor, FMI and University of Reading
- Prof. Pavlos Kollias, McGill University



Venue: The course will be held at Hyytiälä Forestry Field Station. The station provides a meeting place and accommodation close to nature by a lake in

middle of a Finnish forest. There are two traditional saunas, which will be available for the course attendants. In 2014, Hyytiälä hosts US DOE ARM second mobile facility, which includes four radars.

Participation costs

The full course fee is 1500 € and includes full boarding and accommodation in two person bedrooms (breakfast, lunch, afternoon coffee, dinner, and evening meal) and the transfers between Helsinki and Hyytiälä. University students enrolled in degree programs get a 60% discount (student discount price 600 €). The ACCC Doctoral Program covers the course fee for doctoral students enrolled in Finnish universities, and the Nordic ABS Master's Degree Program covers the course fee for master students enrolled in universities in Nordic and Baltic countries (Denmark, Estonia, Finland, Iceland, Latvia, Lithuania, Norway, Sweden).

Application

The applications for the course will be done electronically using the following link:

<https://elomake.helsinki.fi/lomakkeet/49159/lomake.html>

More information about the school here: <http://blogs.helsinki.fi/atmosphere/luovi5/>

Further information on course contents, travel and accommodation: contact dmitri.moiseev@helsinki.fi

Deadline for applications: May 5th, 2014

The accepted students will be notified a week later.