WINTER SCHOOL ON INFLUENCE OF DIABATIC PROCESSES ON ATMOSPHERIC DEVELOPMENT

3-8 March 2019
Kvalheim, nearby Bergen, Norway

The school focuses on the influence of diabatic and air-sea interaction processes on cyclone development, storm tracks, and cold air outbreaks and features recent field campaigns such as NAWDEX (North Atlantic Waveguide and Downstream impact Experiment) and IGP (Iceland-Greenland-Seas Project).

Expert lecture topics range from energetics of storms, moist baroclinic instability, moisture sources, diabatic PV tracers, adjoint sensitivity, reliability analysis, Lagrangian PV tendencies, frontal dynamics, air-sea interactions, to field campaign planning and execution.

Participants are expected to present their own work in form of a poster. In addition, participants will engage in a team collaboration focusing on case study analyses.

Application and abstracts due 7 December 2018
Click here for application.
Notification of acceptance by 20 December.
Application is open for all early career scientists, but PhD students have priority.

There is a participation fee of 6000 NOK for participants who are not a member of the Norwegian research school CHESS. This fee covers the winter school, food, transport from Bergen to Kvalheim, and accomodation from 3 to 8 March. The school will start Sunday evening 3 March with an icebreaker followed by dinner.

Confirmed lecturers: Thomas Spengler (University of Bergen), Harald Sodemann (University of Bergen), Heini Wernli (ETH Zürich), Mark Rodwell (ECMWF), Michael Reeder (Monash University), Suzanne Gray (Reading University), James Doyle (Naval Research Laboratory), Ian Renfrew (University of East Anglia), Hylke de Vries (Royal Netherlands Meteorological Institute).

Further information: click here.

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