

**Séminaire Lundi 25 Mai 2009 15H00 / Seminar Monday May 25th, 2009 15H00**

**Conférencier/Lecturer:** Reinhold Steinacker(University of Vienna)

**Sujet/Subject:** Outline of the GEM-Group Research at the Department of Meteorology and Geophysics of the University of Vienna

**Présentation/Presentation:** Anglais / English

**Lieu/Room:** Grande salle du premier étage CMC, 15:00

**Résumé/Abstract**

Collaboration between Environment Canada and researchers at the University of Vienna began during the late 1990's as part of the Mesoscale Alpine Programme (MAP). This cooperation has continued in recent years as part of the recently-completed MAP D-PHASE project. This presentation will outline the research activities currently underway at the University of Vienna, with a particular emphasis on the quality control and analysis of surface observations. The Vienna Enhanced Resolution Analysis system (VERA) uses an advanced quality control technique and a "fingerprint" method to create high resolution observation-based analyses (with grid spacing of the order of 4 km) in mountainous regions; the system is currently being run in support of the Vancouver 2010 Olympics project.