

Mentoring Lecture Series

Empowering Women to Develop Academic Careers



Inaugural Talk

April 12, 2011, 16:00, UZAI 2B201

Prof. Vanda Grubišić, Department of Meteorology and Geophysics

Mountain Winds: Adventures in Airborne Science

Mountains exert significant influence on the Earth's atmosphere. Terrain-induced atmospheric phenomena span a wide range of horizontal scales, from a few tens of meters to the planetary scale. Great strides in our understanding of mountain-induced circulations have been achieved using airborne platforms, from gliders to the jet aircraft. This talk will provide an overview of recent research on severe downslope winds, mountain waves and mountain wakes taking advantage of research aircraft and the unique observational capabilities they offer.

The science lecture (ca. 1 hour) is followed by a Question & Answer period on issues specific to career development of women in academia (e.g., options, barriers, how to overcome them, good practices and strategies).

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