

## HITEC Theme Day

**Title:** Climate relevant processes in the atmosphere

**Date:** 13 March 2013

**Time:** 9:00 – 16:30  
afterwards *get-together* with snacks and drinks

**Location:** ► [Wuppertal University, Lecture Hall 5, Building G, Level 10, Room 07](#)

Time	Title of Talk, Speaker
9:00 – 9:15	<b>Welcome and Introduction</b> Prof. Ralf Koppmann, University of Wuppertal Prof. Martin Riese, Research Centre Jülich
9.15 – 10.00	Prof. Martin Riese Climate relevant processes in the upper troposphere and lower stratosphere
10.00 – 10.45	Dr. Paul Konopka Asian Monsoon – an important pathway into the stratosphere?
10.45 – 11.15	<b>Coffee break</b>
11.15 – 12.00	PD Dr. Rolf Müller “Geo-engineering” A way to mitigate global warming?
12.00 – 12.45	Dr. Peter Preuße Atmospheric gravity waves - an important mechanism coupling the different layers of the atmosphere
12.45 – 14:00	<b>Lunch break – at own expense</b>
14.00 – 14.45	Prof. Ralf Koppmann Stable isotopes in trace gases – from the reconstruction of past climates to current atmospheric processes
14.45 – 15.15	<b>Coffee break</b>
15.15 – 16.30	<b>Guided Lab Tour</b> Atmospheric Physics Group Atmospheric Chemistry Group
16.30 – 18:00	Get-together with snacks

### HITEC Days

HITEC Days are an inherent part of the graduate school Helmholtz Interdisciplinary Doctoral Training in Energy and Climate Research (HITEC). They devote a whole day to a method or a scientific topic with lectures and discussions. The methodological days serve to encourage scientific interdisciplinarity and will enable the PhD students to extend their range of methods with respect to their own scientific work. HITEC Days always end with a 'Get together', some snacks and drinks. HITEC Days are open for HITEC Ph.D. students and other interested young scientists.