

HITEC Theme Day

Title: Climate relevant processes in the atmosphere

Date: 16 September 2015

Time: 9:00 – 16:30

afterwards *get-together* with snacks and drinks

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

9:00 – 9:15	Welcome and Introduction <i>Prof. Ralf Koppmann, University of Wuppertal, Atmosphärenphysik</i> <i>Prof. Martin Riese, Forschungszentrum Jülich, IEK-7</i>
9.15 – 10.00	Climate relevant processes in the upper troposphere and lower stratosphere <i>Prof. Martin Riese, Forschungszentrum Jülich, IEK-7</i>
10.00 – 10.45	Asian Monsoon – an important pathway into the stratosphere? <i>Dr. Paul Konopka, Forschungszentrum Jülich, IEK-7</i>
10.45 – 11.15	Coffee break
11.15 – 12.00	“Geo-engineering” A way to mitigate global warming? <i>PD Dr. Rolf Müller, Forschungszentrum Jülich, IEK-7/ University of Wuppertal</i>
12.00 – 12.45	Atmospheric gravity waves - an important mechanism coupling the different layers of the atmosphere <i>Dr. Peter Preuße, Forschungszentrum Jülich, IEK-7</i>
12.45 – 14:00	Lunch break – at own expense
14.00 – 14.45	Stable isotopes in trace gases – from the reconstruction of past climates to current atmospheric processes <i>Prof. Ralf Koppmann, University of Wuppertal, Atmosphärenphysik</i>
14.45 – 15.15	Coffee break
15.15 – 16.30	Guided Lab Tour 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.