

Problem Statement

- Transport-related Greenhouse Gases (GHG) emissions are growing rapidly worldwide.
- The transport sector contributes greatly to current and future climate change.
- Transportation growth threatens climate goals.
- Innovative solutions are urgently needed to break this trend.

Aim of the Summer School

- To outline the problems from different points of view.
- To establish contacts for further cooperation and create an international platform of experts and students focused on environmental aspects of transportation.
- To develop solutions that are innovative, complex, valid and interdisciplinary by joining students and experts from different scientific fields.

Training Sessions

- Quantification of transport-related GHG emissions
- Modeling the impacts of these emissions on the climate system including economic consequences
- Measures for reducing climate impacts of transport
- Assessment of measures, acceptance and implementation
- Good practice

Working Groups

The participants develop solutions for the discussed problems in working groups. At the end of the Summer School the results are joined to form a "Vision 2030" by revealing synergy effects and inconsistencies between the results of working groups.

Keynote Lecturers

Prof. J. Seják, JEPU Usti nad Labem
Dr. H. Brůhová-Foltýnová, CUEC Prague
Prof. U. Becker, TU Dresden
Prof. M. Gather, FH Erfurt
Dr. J. Borcken, DLR Berlin
Prof. K. Tanczos, BUTE Budapest
Dr. Szarata, University of Cracow

Who May Participate

Young researchers, practitioners and students in advanced university study from the Czech Republic, Germany and other European countries

Fees

Students:

- 100 € / 50 € (new EU members)

Other participants:

- 150 € / 100 € (new EU members)

Fees include accommodation, meals, lectures, study material and social events.

All participants will receive a certificate of attendance.

Program

	Morning	Afternoon	Evening
Sun, 2.9.		Arrival	Welcoming, forming of working groups, festive lecture
Mon, 3.9.	Measuring climate impacts of transportation, models of climate change, economic aspects of climate change		Social event
Tue, 4.9.	Options for reducing climate impacts of transport – general aspects		
Wed, 5.9.	Concrete measures, best practice	Field trip	
Thu, 6.9.	Acceptance, Implementation	Working groups work on presentations	Social event
Fri, 7.9.	Presentations of working groups	Consolidation into a consistent „Vision 2030,“ Departure	

Culture

The scientific program is supported by social events (e.g. field trip, campfire).

Location

Cistercian Nun Abbey St. Marienthal,
<http://www.kloster-marienthal.de/Welcome/welcome.html>

Registration and Information

Michaela Valentova
Ústav pro ekopolitiku, o.p.s. (Institute for
Environmental Policy, p.b.c.)
Tel. (00420) 224 828 257
Fax (00420) 224 826 593
Michaela.Valentova@ekopolitika.cz
<http://www.ekopolitika.cz>

Torsten Belter, Regine Gerike
TU Dresden, Lehrstuhl für Verkehrsökologie,
Dresdner Institut Verkehr und Umwelt e.V.
Tel. (0049) (0)351-463 36561
Fax (0049) (0)351-463 37718
Hettnerstraße 1, 01069 Dresden
torsten.belter@tu-dresden.de
<http://www.verkehrsoekologie.de>

If you are interested in participating, please send
your CV including fields of scientific interest.
Registration is open until June, 30th. The
number of participants is limited.

The working language of the summer school is
English. People with moderate knowledge of
English are encouraged to apply for the Summer
School.

Supported by



Partners

Charles University of Prague Environment
Center
<http://www.cozp.cuni.cz>

Jan Evangelista Purkyně University
in Ústí nad Labem
<http://fos.ujep.cz/>

Dresden University of Technology
Chair of Transportation Ecology
<http://www.verkehrsoekologie.de>

Budapest University of Technology and
Economics (BME)
<http://portal.bme.hu/default.aspx>

Cracow University of Technology
<http://www.pk.edu.pl/>



Environment Center
Charles University
in Prague



TECHNISCHE
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Summer School

Transportation and Climate Change

Organized by

Dresden University of Technology

Institute for Environmental Policy
Prague

Charles University of Prague
Environment Centre

Jan Evangelista Purkyně University
in Ústí nad Labem

2 – 7 September, 2007

St. Marienthal,
Germany