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. Borken, 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, Implementa- tion	Working groups work on presenta- tions	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

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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 http://www.cozp.cuni.cz

Jan Evangelista Purkyně University in Ústí nad Labem http://fos.uiep.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

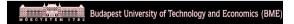












Summer School

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