

SUMMER SCHOOL in Prague

Date: July 9 to 15, 2006

Location: Czech Technical University

Department of Economics, Management and Humanities (2nd floor)

(Faculty of Electrical Engineering)

Zikova 2

166 29 Prague 6

Day 1 (July 9, Sun)

Arrival day

Arrival in Prague at 7:52 p.m. at Main train station

Accommodation in hotel CDMS Krystal, José Martího 2/407, Prague 6 – Veleslavín
(from Dejvická metro station by tram 20 or 26)

Day 2 (July 10, Mon)

Lecture: [Energy supply and demand: a comparative analysis](#)

- Morning (9,30 a.m. – 12.15)

Stefan Schleicher and Jiřina Jílková

Comparative Analysis of energy supply and demand and energy intensity in selected EU countries

- Lunch break (12.30 – 1.30 p.m.)

Masarykova kolej – Akademická restaurace

- Afternoon – free time

Evening activity for Austrian students

(according to the weather – outdoor or indoor activity)

Day 3 (July 11, Tue)

Lecture: [Environmental Policy Instruments](#)

- Morning (9.30 a.m. – 12.30)

Jiřina Jílková (and Tomáš Chmelík, Jaroslav Suchý, Ministry of Environment, Climate Change Department)

Tradable Permits and Energy Taxes as Drivers for Innovations in Energy Sector

Experiences with the Emissions Trading in the Czech Republic and some perspectives

- Lunch break (12.30 – 2 p.m.)

Masarykova kolej – Akademická restaurace

- Afternoon (2 – 5 p.m.)

Presentation of the seminar papers/ part 1

- Sbaschnig + Valentová (Dependencies and ways to overcome)
- Töglhofer + Novotná (Climate change impacts on energy systems in Austria and the Czech Republic)
- Senzenberger + Boreš (Comparison of the climate strategy of the Czech Republic and Austria)

- **Dinner** (for the Austrian participants only)

5.30 p.m. – Restaurant Pod Loubím

Evening activity for Austrian students

Day 4 (July 12, Wed)

Lecture: [Low cost options for energy savings](#)

- **Morning** (9.30 a.m. – 12.30)

Wolfgang Streicher

The EU Directive on the Energy performance of Buildings and its impacts

Content:

- § Motivation of the EU-directive
 - Greenhouse effect, Kyoto protocol
 - Energy demand of buildings
 - Value of buildings coupled to energy demand
 - Harmonized energy demand calculations
- § Content of the directive
 - Energy demand
 - Energy certificate
 - Inspection of plants
 - New buildings – renovations
- § Status of Implementation
 - European Union, CEN-standards
 - National standards (Austria, Germany)
 - Calculation scheme (overview)
 - Reference buildings
 - Base line for certificates
 - Activated thermal masses for heat and cold delivery
 - PCM materials as thermal mass
- § Transient thermal building simulation

- **Lunch break** (12.45 – 2 p.m.)

Masarykova kolej – Akademická restaurace

- **Afternoon** (2 – 4 p.m.)

Presentation of the seminar papers/ part 2 (three couples)

- Ebner-Ornig + Lacina (New Technologies in Buildings)
- Tomanschger + Jurčíček (Comparison of the Electricity Markets)
- Pánek + Janach (Energy Efficiency Buildings)

- **Dinner** (for the Austrian participants only)

Restaurant Na Slavníku (6 p.m.), Praha 6 - Bubeneč

Evening activity for Austrian students

Day 5 (July 13, Thu)

Lecture: [New markets in energy sector](#)

Morning (9.30 a.m. – 12.30)

Jaroslav Knápek

Biomass as Renewable Energy Source

Economic Effectiveness of RES-E projects – keys example of sample calculation

- **Lunch break** (12.45 – 2.15 p.m.)

Masarykova kolej – Akademická restaurace

- **Afternoon** (2.15 – 5 p.m.)

Presentation of the seminar papers/ part 2 (three couples)

- Trummer + Klokočka (Financial Appraisal – Case Study)
- Kanduth, Malzer + Benda (Economical Aspects of Biomass Usage in the Czech Republic and Austria)
- Niemetz + Bartík (Wind energy - comparison, past and future potential)

- **Dinner**

Restaurant Pod Loubím (Dejvice) – 6 p.m.

Evening activity for Austrian students

Day 6 (July 14, Fri)

Excursion

10 a.m.: Visit in the Institute of Botany, Academy of Sciences of the Czech Republic, Průhonice (Ing. Jan Weger)

- **Lunch** (12.30) – Restaurant U Bezoušků, Průhonice
- **Afternoon** – free time
- **Dinner** – 7.15 p.m.
- **Evening** – Farewell with our Austrian students + other participants

Day 7 (July 15, Sat)

Leaving day