

Interdisciplinary Winterschool 2025 on "The Future of Energy Systems in Austria and the Czech Republic"

Sunday, February 2nd, 2025

Important addresses:

Hotel Krystal - accommodation of AT students

J. Martího 2, tram #20, 26, line A - Nádraží Veleslavín

and night tram 51 - station **Nad Džbánem**

Coffee breaks

Jug. Partyzánů 1580/3 - 5min walk from the lecture room

Lectures - main (old) building of FEL ČVUT

Technická street 1902/2, room 415 (4th floor)

Monday dinner for all participants

Restaurant U Džbánu - Jenečská 226/20, Praha 6

19:00 Arrival of Austrian students

20:00 Dinner for Austrian participants

Tuesday, February 4th, 2025

ROOM: 415

9:00 **Introduction to Energy Economics in transport**

Amela Ajanovic (TU Vienna)

10:30 **Coffee break**

11:00 **Electricity economics and the role of renewables**

Reinhard Haas (TU Vienna)

12:30 **Lunch break at menza**

13:30 **Biomass as a major RE carrier**

Jaroslav Knápek

14:40 **Workshop How to write a seminar paper II incl. bilateral discussions**

Reinhard Haas, Amela Ajanovic, Jiří Louda, Jiří Bíl

16:00 **End of the day**

Thursday, February 6th, 2025

8:00 **Excursion: Biogas Power Stations**

Departure by bus. Meeting point: in front of the University

Jaroslav Knápek (CTU)

12:30 **Lunch break**

13:30 **Excursion: Small hydropower plant in Miřejovice**

Jaroslav Knápek (CTU)

17:00 **End of the day**

Monday, February 3rd, 2025

ROOM: 415

8:50 Registration

9:00 **Welcome address**

J. Knápek, A. Ajanovic, J. Louda

9:20 **Get together**

Alois Tost (Energy Expert)

10:50 **Coffee break**

11:15 **World Energy System - An Introduction**

Reinhard Haas, Amela Ajanovic

(TU Vienna)

11:45 **Workshop: How to write a seminar paper I**

Introduction, presentation of topics

Amela Ajanovic, Reinhard Haas (TU Vienna)

12:30 **Lunch break at Menza**

13:30 **Workshop Part I: Simulation game**

Alois Tost (Energy Expert)

14:45 **Coffee break**

15:10 **Workshop Part II + III: Simulation game results**

and discussion

17:15 **End of the day**

18:30 **Dinner for all participants**

Wednesday, February 5th, 2025

ROOM: 415

9:15 **The Economics of nuclear power (incl. SMRs)**

Reinhard Haas

10:00 **Potential of Modular Nuclear Reactors in Energy Transition**

Jakub Líman, Expert from ČEZ

11:00 **Discussion**

11:30 **Coffee break**

11:50 **Current situation in financing new energy sources**

Patrik Šimůnek (Energy Expert)

12:30 **Lunch break at menza**

13:30 **Excursion: Lightning generator laboratory**

Jan Mikeš (CTU)

15:30 **End of the day**

Friday, February 7th, 2025

ROOM: 415

9:00 **National and international Energy Policy**

Tomas Smejkal - Ministry of Industry and Trade CZ

10:15 **Power plant economics: an interactive introduction: Part I**

Silvester van Koten (J.E.P. University)

please take your laptops with you to this lecture

11:15 **Coffee break**

11:45 **Power plant economics: an interactive introduction: Part II**

Silvester van Koten (J.E.P. University)

13:00 **Lunch break at menza**

14:00 **Time for individual discussion of seminar papers in bilateral teams**

moderated by Jiří Louda (J.E.P. University)

and Jiří Bíl (CTU)

15:30 **End of the day**

UNIVERZITA J. E. PURKYNĚ V ÚSTÍ NAD LABEM

