

**OST**  
Ostschweizer  
Fachhochschule

# **Sustainability Summer School** 2<sup>nd</sup> edition

**Dr. Mihaela Dudita Kauffeld**

**Prof. Dr.-Ing. Michael Kauffeld**

25.05.2023



INSTITUT FÜR  
SOLARTECHNIK

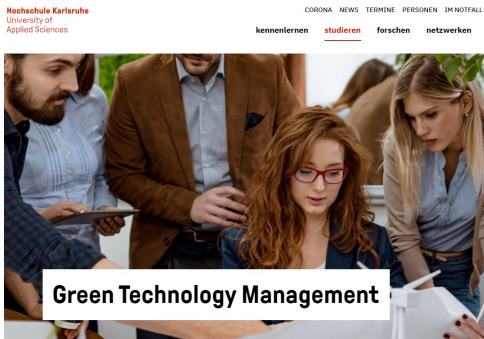
In cooperation with:



# Cooperation between 3 European Universities



Bachelor Erneuerbare Energien und Umwelttechnik



Green Technology Management



## B. Sc. Erneuerbare Energien und Umwelttechnik, OST (CH)

The bachelor's program provide students with a holistic look at energy and environmental technology in order to deal with the challenges in the energy with high-tech solutions.

## B.Sc. Green Technology Management, Hochschule Karlsruhe (DE)

New bachelor from the coming winter semester for all who are particularly interested in sustainability, recycling and renewable energies

## B. Sc. Engineering of Renewable Energy Systems, TUB (RO)

Bachelor program in which students acquire skills in design, planning and development of renewable energy conversion systems



**Second edition**

# **Sustainability International Summer School 24 - 28 July 2023**

- **From Monday, 24<sup>th</sup> to Friday 28<sup>th</sup> July 2023**
- In Brasov, Romania
- 40 students from OST, HKA and TUB of all disciplines and semester levels

## **Program**

- Lectures in the morning
- Visits / practical activities in the afternoon
- Keynote lectures and team work in the evening
- An enriching, interactive and entertaining one day tour in the Carpathian Mountains



## 2nd edition focus: biodiversity and food

# Preliminary Program

Version: 10<sup>th</sup> of May 2023



### Day 1 - Monday, 24<sup>th</sup> of July – Sustainability. Get Educated. Critical Thinking

- Planet: Critical - Seeing the Big Picture
- Sustainability and degrowth
- Empowering young people to be active global citizens and agents of change
- Express Yourself Better - The Power of Speech & Debate

### Day 2 - Tuesday, 25<sup>th</sup> of July – Sustainable energy technologies and energy storage

- Sustainable energy technologies
  - Heat pumps with natural refrigerants
  - Solar thermal systems
  - PV and PVT collectors
- Energy game
- Smart planning methods and control strategies for solar neighbourhoods
- Storage of electrical and thermal energy. Seasonal energy storage and large heat storage
- Revolutionary Energy Storage Cycle with Carbon-Free Aluminium

### Day 3 - Wednesday, 26<sup>th</sup> of July - Biodiversity

- Discover and experience biodiversity - an enriching, interactive and entertaining tour in the Carpathian Mountains

### Day 4 - Thursday, 27<sup>th</sup> of July – Water and food

- Biodiversity – Water – Food - Health Nexus
- Water Supply and Treatment
- Sustainable Agriculture
- How food industry can become net zero by 2050

### Day 5 - Friday, 28<sup>th</sup> of July – Engagement

- Sustainable companies' workshop - Roadmap to Carbon Neutrality
- Incredible sustainable communities & ecovillages around the world
- Psychology of Sustainability and Behaviour Change



More info about the first edition from 2022:

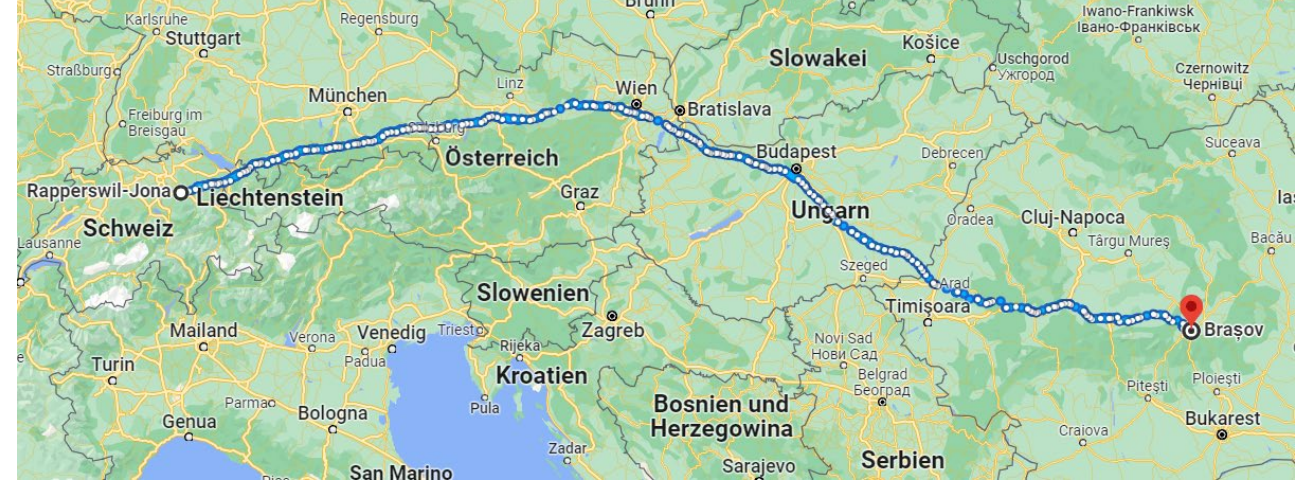
[Summer School 2022 | OST](#)



## 10 places available for OST students

# Important information

- Registration fee
  - 100 Euro
  - Includes participation to lectures, accomodation and food, internal transport in Romania for the summer school activities
- Accomodation in 2 beds rooms
- Transport Rapperswil to Brasov and back
  - individual organized
- Deadline for registration
  - Until Wednesday, June 23, 2023
  - Registration is confirmed by payment of the registration fee



More info:

Mihaela Dudita-Kauffeld  
[mihaela.dudita@ost.ch](mailto:mihaela.dudita@ost.ch)



## Accommodation: Dambul Morii, Brasov



Registration form

# Get ready!

## Rumäniens wilde Schönheit



ZDFinfo Doku

### Frühlingserwachen

In der rumänischen Wildnis leben und nisten mehr als 400 Vogelarten.

43 min · Doku



ZDFinfo Doku

### Sommerzeit

Die Bergwiesen blühen, das Donaudelta bietet Nahrung im Überfluss.

43 min · Doku



ZDFinfo Doku

### Herbst und Winter

Ein beeindruckendes Naturschauspiel: die Brunft der Hirsche.

43 min · Doku

[Rumäniens wilde Schönheit - ZDFmediathek](#)





THERE IS

NO

PLANET

B