



International Summer Academy in  
Engineering for Women

# Empowering Female Engineers

9th - 24th July 2024  
University of Applied Sciences Upper Austria | Europe  
School of Engineering

**Aim**

→ higher

# WHAT IS THE ISAE4W?

For the 10th time the University of Applied Sciences Upper Austria offers a unique opportunity for a selected group of highly-motivated and talented women (high school, college or undergraduate students) to experience top-class and challenging university-level coursework.

The academy's intensive, two and a half week programme combines sophisticated theory with hands-on practical experience in engineering and natural sciences. Besides knowledge transfer in these fields, social, cross-cultural and gender aspects are covered and discussed during lectures and workshops.

## Why participate?

- » Broaden technical & scientific knowledge
- » Explore the impact of technology on our society in the future
- » Earn academic credit (4 ECTS)
- » Improve language and intercultural skills
- » Make friends from all over the world
- » Creativity, fun and experience
- » Explore (Upper) Austria



## Essential Information

- » **Date:** 9th - 24th July 2024
- » **Target group:** female Engineering students from 18 to 25 years
- » **Language of instruction:** English
- » **Venue:** University of Applied Sciences Upper Austria, Wels, Austria | Europe
- » **Fee:** € 850,- including tuition fees, room for the entire stay, meals on weekdays (weekends are free for individual activities), numerous field trips
- » **Application\*:** Please send an e-mail to [isae4w@fh-ooe.at](mailto:isae4w@fh-ooe.at). You will then receive a personalized registration link to our online application portal (application deadline: 30th April 2024)

## Anniversary Edition!

After 9 successfully held academies we are looking forward to our 10th anniversary edition featuring an extra focus on Women in Engineering.

## Any questions left?

Contact ISAE4W  
[isae4w@fh-ooe.at](mailto:isae4w@fh-ooe.at)

\* Please note that due to limited capacities a maximum of 3 students per institution can be accepted. Acceptance decisions will be made based on the students' qualifications. Priority will be given to students from partner institutions.

**Competitive entry: We reserve the right to decline applicants.**



# Programme

## Engineering Areas

- » Environmental Engineering and Biotechnology
- » Electronics & Automation
- » Industrial Engineering
- » Mechanical Engineering
- » Applied Mathematics
- » Civil Engineering
- » Medical Technology
- » Sustainability

## Further Topics\*

### Engineering in Theory and Practice

- » Group project: cutting-edge technologies and their impact on society
- » Project Management
- » Robotics and Programming
- » Intercultural communication
- » Creative Science: Discover Golden Ratio
- » Dynamics of Space Vehicles
- » Scientific World View



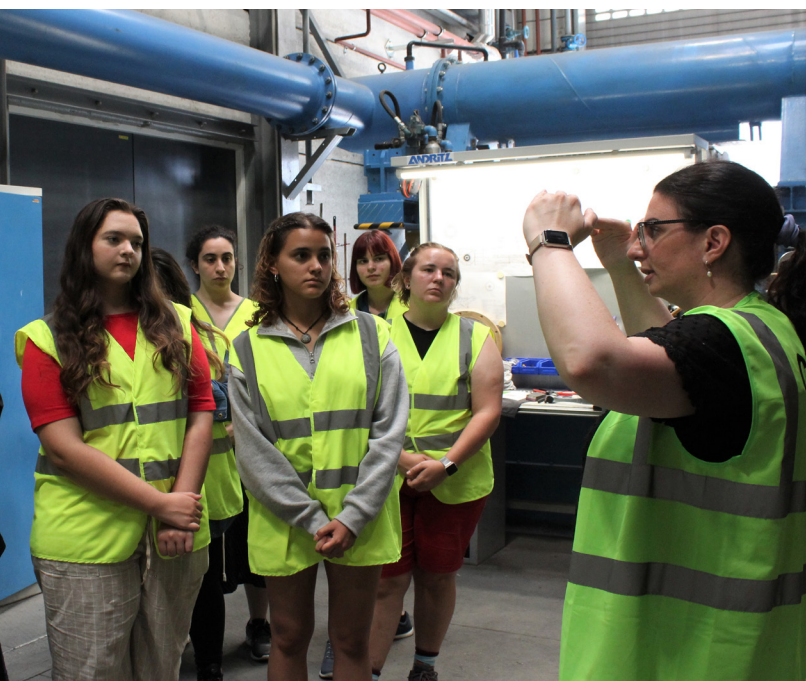
### Interesting Places to Visit\*

- » **Companies:**  
**Rosenbauer:** a manufacturer of systems for firefighting and disaster protection,  
**Andritz Hydro:** Water Turbines
- » **Museums:**  
**Ars Electronica Center** - museum for information technology and technological advancements in society
- » **Cultural highlights in Upper Austria:**  
**Pflasterspektakel** - street performance Festival  
**MusikFestiWels 2024**

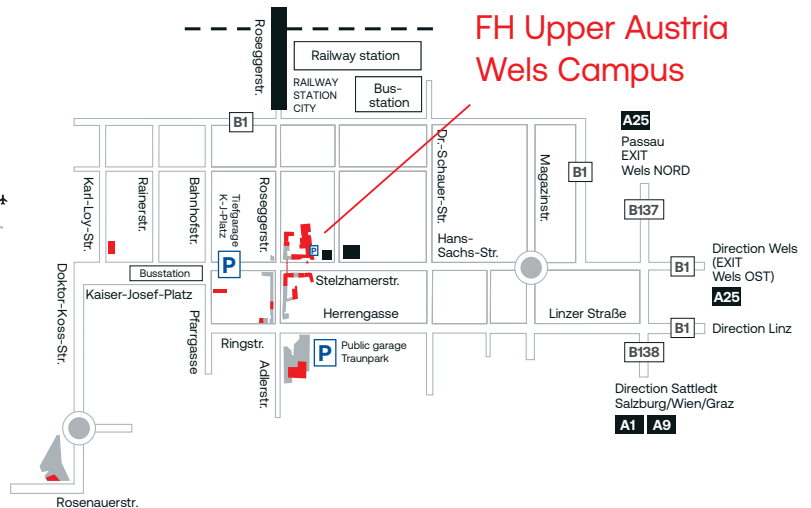
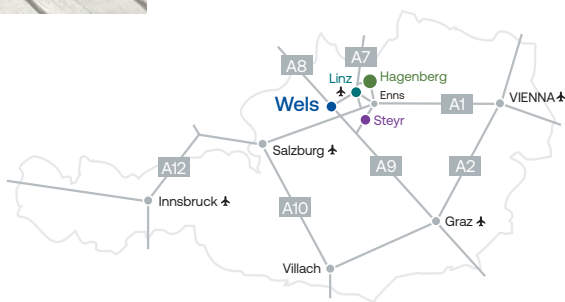
### Women in Engineering

- » The role of women in science and research
- » Science World Café: successful scientists from the FH Upper Austria and beyond report from their careers and research projects
- » Networking opportunities with experts from all over the world

\*subject to modification



# Visit us in Upper Austria



Aim

higher

University of Applied Sciences Upper Austria  
School of Engineering  
Stelzhamerstrasse 23, 4600 Wels, Austria  
isa4w@fh-ooe.at  
fh-ooe.at/isa4w



UNIVERSITY  
OF APPLIED SCIENCES  
UPPER AUSTRIA