



JULY 5-13, 2021



# ASSIST HEIDI\*

## Vienna summer school for creating an inclusive environment for people with disabilities

UNIVERSITY OF  
APPLIED SCIENCES  
TECHNIKUM WIEN

HÖCHSTÄDTPLATZ 6,  
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\*HEIDI: acronym for "human beings with disabilities" and female name

# Welcome to ASSIST HEIDI!

## ABOUT

**ASSIST HEIDI** brings students and people with **disabilities together**, in order to design and prototype an individual assistive technology solution for them. Students will have access to materials, tools and equipment (e.g. 3D printer etc.). The Smart Living Lab and the IoT Lab of UAS Technikum Wien provide the perfect environment for the participants. This is the best opportunity to get to know people with disabilities, to contribute, develop and implement your own ideas.

## PROJECT WORK

In the first half of the Summer School different topics are presented including small exercises. The project ideas will be worked on from the second half of the Summer School. Depending on the number of participants, the students work in groups of 3-5 people to implement a project. During the group or idea-finding phase, participants can contribute their own ideas based on personal experience.

## APPLICATION

To apply you need to send the following documents to [studyathome@technikum-wien.at](mailto:studyathome@technikum-wien.at):

- CV
- Letter of Motivation
- Confirmation of Enrollment  
(at your home university)

**Participants: 15 students max.**

**Application Deadline: February 28th, 2021**

**Information: [studyathome@technikum-wien.at](mailto:studyathome@technikum-wien.at)**



COVID-19  
Precaution  
Measure  
Concept



# TARGET GROUP

Graduate and undergraduate students enrolled in an international or national University. The Summer School is designed for (but not limited to) students in the field of medical technology, biomedical engineering, embedded systems, rehabilitation engineering, electrical engineering or computer sciences interested in Assistive Technology. The Summer School lectures will be held in English.

## GUEST LECTURERS & EXPERTS

**Shadi Abou-Zahra:** Web Accessibility Expert (W3C, Web Accessibility Working Group)

**Susanne Buchner-Sabathy:** Expert for people with visual impairment, use of Screen Readers, digital accessibility.

**HEIDI:** Human BEElngs with DisabilitIes telling their story

**Further experts:** Experts in the field of Occupational Therapy (VKKJ, outpatient clinic), Smart Homes (UAS Technikum Wien) and Security (Czech Technical University Prague)

## VENUE

University of Applied Sciences  
Technikum Wien, Höchstädtplatz 6,  
1200 Vienna, Austria

- Smart Living Lab
- IoT-Lab



# CERTIFICATE

All participating students receive a certificate after graduating from the Summer School. The University of Applied Sciences Technikum Wien grants 3 credits according to the European Credit Transfer System (ECTS).

## FEES & ACCOMODATION

Thanks to the funding of the City of Vienna you can attend the Summer School FREE OF CHARGE! Included are workshops, lecturers, welcome and cultural events. **Travel costs, public transport, accommodation, meals, personal expenses** and other incidentals are **not included**. It is recommended to take out an international travel insurance. Reasonably priced accommodation in Vienna, near the University, will be recommended.

## PROGRAM PREVIEW

### **July 5th, 2021**

Welcome Day – Introductions, Meet HEIDI, Welcome Event

### **July 6th-8th, 2021**

Disability, Assistive Technologies, Smart Homes, Rapid Prototyping, Web Accessibility, Security IoT

### **July 9th, 2021**

Project Work

### **July 10th/11th, 2021**

Social and Cultural Programme (optional)

### **July 12th, 2021**

Project Work, Farewell Event

### **July 13th, 2021**

Project Work Evaluation, Certificates, Closing



***Social Programme: Sightseeing - Excursion  
(Details will be announced)***

