Vienna Summer School in Assistive Technology 2016

Dear colleagues,

The University of Applied Sciences Technikum Wien would like to offer your students a unique opportunity to learn about Assistive Technology at the second edition of our Vienna Summer School for Assistive Technology (July 11 – July 20, 2016). The Summer School is designed for (but not limited to) international students in the fields of biomedical engineering, rehabilitation engineering, electrical engineering or computer science.

Thanks to the funding of the City of Vienna, your students can attend the Assistive Technology Summer School free of charge! Included are workshops, lecturers, welcome-, farewell-, and cultural events.

The UAS Technikum Wien grants 3 ECTS points for the program.
Prospective students may anticipate a highly professional outcome in a dedicated international environment along with a series of extra-curricular cultural activities.

Further information about our Summer School and the AsTeRICS Academy can be found here: www.asterics-academy.net

We kindly ask you to distribute this information to your students.
Please contact us if you have any questions or if you need additional flyers.

Thank you in advance and best regards from Vienna,

Mag. Angelina Kratschanova, BA
Managing Summer Schools, AsTeRICS Academy Project
Program 2016

July 11  
Arrival and Welcome  
Introduction to the topic, Assistive Technology solutions overview  
Vienna City Walk

July 12  
Web-Accessibility:  
Presentation by Abou Shadi Zhara (W3C) Model based  
Assistive Technology:  
Introduction of the AsTeRICS system

July 13  
Practical work with Microcontrollers (Arduino) and Biosignals (EMG)

July 14  
DIY Assistive solutions in minutes:  
Presentations and practical workshop with Therese Willkomm

July 15  
Augmentative and Alternative Communication (AAC) and the iPad:  
Presentation and Hands-On Demos with Nina Fröhlich  
Selection of Project topics

July 16-17  
Social and cultural events (optional)

July 18-19  
Practical work in project groups with the AsTeRICS system

July 20  
Final presentation of projects  
Closing Event

Concrete dates will be announced

Vienna Sightseeing  
(Belvedere, Schönbrunn Palace,...)  
Visit a local wine tavern (Heurigen)  
Swimming on the Danube Island

The Project AsTeRICS Academy is kindly funded by the City of Vienna  
(Project Number 14-02).

MA23  
Vienna University of Technology

FH Technology  
FH Applied Sciences

WIEN
Welcome to the AsTeRICS Academy – Assistive Technology Summer School!

GET TO KNOW ASSISTIVE TECHNOLOGY

"I have worked with and alongside assistive technologies for some years now, both on the medical and the technical side. This summer school gave me the chance to broaden my horizons on various different types of Assistive Technology that I was less familiar with, while meeting some great people and having loads of fun! I would hugely recommend the experience to anybody that likes to learn new stuff and have a great time!"

Giulia Barbareschi, PhD Student, University College London, UK

The Assistive Technology Summer School offers international students a balanced and extensive project week to acquire and deepen practical knowledge in various topics of modern Assistive Technology. It is organised by the AsTeRICS Academy project of the University of Applied Sciences Technikum Wien and funded by the City of Vienna. Internationally acknowledged experts in the field of inclusive design and Assistive Technology will give lectures and hands-on tutorials. The thematic focuses of the Summer School are embedded in cultural activities and events of a varied accompanying program.

HANDS-ON!
Practical work is one key aspect of the Assistive Technology Summer School: Participants will form small project groups and develop applications ranging from alternative Human-Computer Interfaces to environmental control systems and specialised solutions for individual needs. In guided hands-on sessions you will work with bio signals (EMG, EEG, ECG, ...), sensors, microcontrollers, head and eye tracking. The necessary hardware and software components for building these assistive applications are provided by the AsTeRICS Academy.

CONTACT
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Facts and Figures

DATE: JULY 11, 2016 – JULY 20, 2016
Application Deadline: April 30, 2016
Please apply online at www.asterics-academy.net

QUALIFICATION & SCIENTIFIC DISCIPLINE
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.

CERTIFICATE
All participating students receive a transcript of records after graduating from the Summer School. The University of Applied Sciences Technikum Wien grants 3 credits according to the European Credit Transfer System (ECTS). We recommend checking with the home institution before applying to be sure that the credits are transferable.

FEES & ACCOMMODATION
Thanks to the funding of the City of Vienna you can attend the Assistive Technology 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.