eHealth
SUMMER SCHOOL

Technologies of Healthcare Records and Telemonitoring

03. – 07. September 2018

Vienna

University of Applied Sciences Technikum Wien

eHealth Summer School 2018
Technologies of Healthcare Records and Telemonitoring

Digital healthcare refers to tools and services that use information and communication technologies (ICTs) that can improve prevention, diagnosis, treatment, monitoring and management of health. The data sharing between patients and health services has a high potential to provide high quality of care and increase efficiency in the healthcare sector. In case of diseases such as heart failure or diabetes an ongoing check-up of vital parameters is necessary. Due to telemedicine and home care an increase of the patients' life quality is obtained because of location-independent treatment.

Observing the ongoing process of merging the fields of health with ICT and the recent challenges arising with the handling and sharing of medical information, the University of Applied Sciences Technikum Wien is proud to host the FIRST eHealth Summer School from 3rd to 7th September 2018. During this week participants will be discussing with high-ranked stakeholders of Austria's eHealth landscape, requirements and solutions for current and up-to-come issues in eHealth. Additionally, hands-on projects will be offered during workshops. Students that attend the eHealth Summer School will be credited with 2 ECTS. The Summer School is organized by the University of Applied Sciences Technikum Wien, Austria's largest purely technical University of Applied Sciences.

For further information and registration please visit:
http://healthy-interoperability.at/eHealthSuS

University of Applied Sciences Technikum Wien

The University of Applied Sciences Technikum Wien is Austria's largest purely technical university of applied sciences. The educational offerings consist of 13 bachelor's and 18 master's degree programs, which are offered as full-time, part-time and/or distance study programs. Close ties and collaborations with business and industry give students and graduates excellent career opportunities.

The research and development activities at UAS Technikum Wien have grown significantly in recent years and currently concentrate on our research focuses:

- ♦ Embedded Systems & Cyber-Physical Systems,
- ♦ Renewable Urban Energy Systems,
- ♦ Secure Services, eHealth & Mobility,
- ♦ Tissue Engineering & Molecular Life Science Technologies,
- ♦ Automation & Robotics.

Find more information at:
https://www.technikum-wien.at/en/

Program

The eHealth Summer School Vienna will focus on technologies of healthcare records and telemonitoring. The program includes keynote lectures to discuss basics followed by hands on courses and workshops. Organized social evenings will offer possibilities for networking with experts.

Monday 3. Sept. 2018

Time Slot	Topic	Room
08:30	*Registration*	*F7.04*
09:00	*Welcome: Introduction & Organizational Matters*	*F7.04*
	● *eHealth Summer School in a nutshell*	
	● *Get to know with coffee & pastries*	
10:30	*Keynotes: Exploring and Managing the Patients Journey*	*F2.03*
	● *Basics and overview of Austrian healthcare system*	
	● *eHealth: necessity and challenges*	
11:45	*Coffee Break*	
12:00	*Keynotes: Exploring and Managing the Patients Journey*	*F2.03*
	● *What is ELGA's role in the system?*	
13:00	*Lunch Break*	
14:00	*Workshop: Access to Austrian Healthcare*	*EDV F1.03* *EDV F1.01*
	● *John Doe's entry into healthcare (case study)*	
	● *Austrian e-card: access key for applications*	
17:30	*Welcome Dinner*	

Tuesday 4. Sept. 2018

Time Slot	Topic	Room
09:00	*Keynote: Medical Monitoring & Information Acquisition*	*F2.03*
	● *John Doe's vital parameters (case study)*	
10:00	*Coffee Break*	
10:15	*Keynote: Medical Monitoring & Information Acquisition*	*F2.03*
	● *Integration of medical devices*	
	● *Health data quality*	
13:00	*Lunch Break*	
14:00	*Workshop: Medical Devices in Integrated Care*	*EDV F1.03* *EDV F1.01*
	● *Acquiring data with medical devices*	
	● *Data analysis & processing*	
17:30	*Enjoy free time*	

Wednesday 5. Sept. 2018

Time Slot	Topic	Room
09:00	*Keynote: Generation of Medical Reports*	*F2.03*
	● Standardized data exchange	
10:00	*Coffee Break*	
10:15	*Keynote: Generation of Medical Reports*	*F2.03*
	● Data modelling and terminology	
13:00	*Lunch Break*	
14:00	*Workshop: Master Clinical Documents*	*EDV F1.03* *EDV F1.01*
	● John Doe's metamorphose into interoperability	
	● Health facilities: Data exchange	
17:30	*Enjoy free time*	

Thursday 6. Sept. 2018

Time Slot	Topic	Room
09:00	*Keynote: Data Security*	*F2.03*
	● Reflection of John Doe's journey	
	● Confidentiality and availability	
	● Sharing medical reports	
12:00	*Lunch Break*	
13:00	*Workshop: Individual Projects*	*EDV F1.03* *EDV F1.01*
	● Work on individual case study	
17:30	*Enjoy free time*	

Friday 7. Sept. 2018

Time Slot	Topic	Room
09:00	*Workshop: Individual Projects*	*EDV F1.03* *EDV F1.01*
	● Work on individual case study	
	● Preparation of final presentation	
13:00	*Lunch Break*	
14:00	*Project Presentation*	*A0.03 (Auditorium)*
17:00	*Farewell Party*	*A0.03 (Auditorium)*

Accommodation

The cheapest and most convenient ways of staying in Vienna are Airbnb or hostels.

These are hostels for temporary housing:

Hostel Ruthensteiner Robert-Hamerling-Gasse 24 1150 Wien T: +43 1/893 42 02	Jugendgästehaus Hütteldorf Schloßberggasse 8 1130 Wien T: +43 1/8770263
Turmherberge Don Bosco Lechnerstraße 12 1030 Wien T: +43 1/7118455	Jugendgästehaus Brigittenau Friedrich-Engels-Platz 24 1200 Wien T: +43 1/33282940 or +43 1/3300598
Hostel Zöhrer Skodagasse 26 1080 Wien T: +43 1/4060730	Jugendherberge Myrthengasse Myrthengasse 7 1070 Wien T: +43 1/52363160

Please book your stay individually.

Arrival

…BY PLANE

Vienna International Airport is situated approx. 15 kilometres outside of the city.
(Approx. 45min to UAS Technikum Vienna)

TO VIENNA CITY CENTRE BY TRAIN

The cheapest way to go from the airport to the city centre is to use the city train "S7" ("S-Bahn") to the station "Wien Mitte." The fare is € 4,40 (one direction, this includes public transport in Vienna e.g. metro or bus). You can also use the CAT train (City Airport Train) to travel to Vienna from the airport (www.cityairporttrain.com). This train also takes you to the station "Wien Mitte". The fare is € 11 (without a ticket for public transport in Vienna). Once you are in the city, buy a ticket for € 2,20 (if you have not taken the S-Bahn) at the train station "Wien Mitte" (above the underground station "Landstraße" for the lines U3 and U4).

https://www.wienerlinien.at

or use App "Quando"
https://play.google.com/store/apps/details?id=com.fluidtime.qando

https://itunes.apple.com/de/app/qando/id315777736?mt=8

TO VIENNA CITY CENTRE BY BUS

You can also take an airport bus to the city centre (one way: €8). Please find more information at: http://www.viennaairportlines.at/en/

Campus

University of Applied Sciences Technikum Wien

Hoechstaedtplatz 6

1200 Wien

+43 1 333 40 77-0

https://www.technikum-wien.at/en/

Public Transport

Subway: U6 – Station Dresdner Straße

Tram: 2, 31, 33 – Station Hoechstaedtplatz

Suburban trains: Stations Traisengasse & Handelskai

Bus: 37A – Station Hoechstaedtplatz