

## Press Release

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### **Kapsch Awards for the best master theses from the UAS Technikum Wien**

Vienna, November 4, 2016 – This year was the ninth occasion on which Kapsch and the University of Applied Sciences Technikum Wien handed out EUR 2,000 Kapsch Awards for the best master theses. On the grounds of the outstanding performance – one of the participation criteria is the highest possible grade average of 1.0 – of this year’s students, a total of seven rather than six awards were awarded to students in the various degree subjects. Projects were submitted by students from 18 of the master’s degree programs offered at the UAS Technikum Wien including, among others, Information Management and IT Security, Healthcare and Rehabilitation Technology, Telecommunications and Internet Technologies, and Software Engineering.

“The decision on the seven winning projects was definitely also not easy for the UAS Technikum Wien this year. Every year I am amazed by the innovative spirit of the students and the high quality of their work”, Rudolf Bernscherer, Head of Human Resources at Kapsch Group, commenting on the awards ceremony.

Gabriele Költringer, General Manager of Technikum Wien GmbH, on the awards and the collaboration with Kapsch: “The career opportunities available in technical professionals are still extremely varied. Our graduates are in high demand among employers. Nonetheless, every project and every award received by our students is an extra qualification enabling them to better position themselves in the employment market. We are delighted to have introduced these awards in cooperation with Kapsch and, as a result, to be able to honor those students who have performed with excellence.”

The seven winners of the Kapsch Awards not only prepared outstanding master theses but also completed their final degree year and the Master’s degree exam with honors in addition to finishing their studies within the defined time limit.

#### **The winners of the Kapsch Awards 2016**

<b>Name, Title</b>	<b>Title of the master thesis</b>
Stephan Bertl, MSc	Efficient algorithms for online segmentation of movement trajectories
Dominik Denner, MSc	myPoolie – eine Low-Cost Poolsteuerung
Theresa Fischer, MSc	Entwicklung und Evaluierung von Auswertalgorithmen für den Schwunghasentest am Laufband
Pablo Hofbauer, MSc	Novel, simple and efficient cardiomyocyte differentiation protocol for iPSCs and the effects on cardiomyocyte differentiation exerted by ECM-bound growth factors in a PEG hydrogel
Patrick Moosbrugger, MSc	A Real-Time, On-board System Health Management Unit for Unmanned Aerial Systems
Markus Pinger, MSc	Entwicklung einer Filamentversorgung für ein Elektronenstrahlolithografiegerät
Sabrina Steger, MSc	Sicherheit und Skalierbarkeit von newSQL Datenbankmanagementsystemen



**Picture:** The winners of the Kapsch Awards 2016 with Rudolf Bernscherer, Head of Human Resources at Kapsch Group (centre), Fritz Schmöllebeck, Rector of the UAS Technikum Wien (left) and Thomas Faast, Public Affairs, UAS Technikum Wien (right)

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### University of Applied Sciences Technikum Wien

With around 9,000 graduates thus far and roughly 4,000 students, 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. Eight degree programs are taught in English. The educational offerings are based on a solid scientific foundation and are also practice-oriented. At UAS Technikum Wien, emphasis is not only placed on providing a high-quality technical education, but also on subjects with a focus on business and personal development. Close ties and collaborations with business and industry give students and graduates excellent career opportunities. The combination of theory and practical application is of central importance in both research and instruction. The research and development activities at UAS Technikum Wien have grown significantly in recent years and currently concentrate on four main areas: eHealth, embedded systems, renewable energies and tissue engineering. UAS Technikum Wien was founded in 1994 and, in 2000, became the first institution in Vienna to receive the status of a university of applied sciences. It became a member of the European University Association (EUA) in 2012 and is also a network partner of FEEI – Association of the Electrical and Electronics Industries.

**Kapsch Group** is among the most successful technology companies in Austria and a global player in the future-oriented markets of intelligent transportation systems (ITS) and information and communication technology (ICT). Three key entities, Kapsch TrafficCom, Kapsch CarrierCom and Kapsch BusinessCom, form the core of the Kapsch Group. As a family-owned company with its head offices in Vienna, Kapsch has been dedicating itself to the development and implementation of new technologies to the benefit of its customers since 1892. Kapsch makes a key contribution to shaping a mobile and interconnected world in a responsible manner through a range of innovative services and solutions. The subsidiaries of Kapsch Group employ around 6,800 personnel at their facilities and sales offices around the world.

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