

Cybersecurity Campus Graz for Digital Security Opened

The new building on Campus Inffeldgasse offers 5,000 square metres of floor space with modern offices and laboratories for the Institute of Information Security at TU Graz. The building also houses TU Graz's Buildings and Technical Support and the COMET centre Battery4Life. Additional companies from the IT security and innovation sector will be added as tenants in the future.

Philipp Jarke

ENERGY-EFFICIENT RESEARCH FACILITY

The Cybersecurity Campus Graz consists of three parts, which are connected by a continuous floor on the first floor. The ground floor houses foyers, seminar rooms and lounge areas, while the upper floors provide offices and laboratories.

The building with its characteristic wooden façade is one of the most energy-efficient research buildings at TU Graz and relies on geothermal energy, photovoltaics and an ingenious concept with green roofs and infiltration surfaces in the surrounding area. Geothermal energy can cover around 65 per cent of the cooling capacity and around 75 per cent of the heating capacity.

LEADING INTERNATIONAL RESEARCH

Around 80 people at the Institute of Information Security are currently dedicated to key IT security topics, from cryptography, secure applications and system designs to trustworthy artificial

intelligence. Research results such as the discovery of the Melt-down and Spectre security vulnerabilities or the international encryption standard for lightweight cryptography ASCON developed at the institute emphasise the international importance of this TU Graz research focus. This also applies to the three ERC grants that researchers at the institute have been able to acquire in recent years.

TU Graz offers a wide range of IT degree programmes, with a focus on the forward-looking field of cyber security. Students acquire sound technical expertise and work on real-life IT security challenges in a practical way. The student teams at TU Graz make a special contribution here, developing innovative solutions in international competitions and regularly achieving success. This close link between teaching, research and teamwork makes TU Graz a central training location for the next generation of IT security experts, who are in high demand on the job market.



Ceremonial key handover at the Cyber Security Campus Graz.