

## Graz Universities Celebrate their Inventors

The universities in Graz have registered an impressive 143 inventions and 186 patents in the past two years.

**Susanne Filzwieser**

Every two years, the University of Music and Performing Arts Graz, the Medical University of Graz, Graz University of Technology and the University of Graz celebrate especially inventive researchers in a joint ceremony. Between July 2023 and June 2025, their ingenuity resulted in 143 invention disclosures and 186 patent applications.

### EXEMPLARY SUCCESS STORIES: PROJECT RESET

Simon Walch and Thomas Mayr develop adaptive mountain bikes for people with walking impairments. The two research assistants at the Faculty of Mechanical Engineering and Economics at TU Graz are both passionate mountain bikers. Simon Walch has been paralysed since a motorbike accident. Giving up mountain biking was not an option for him. The first handbike prototype was created out of a very personal interest. RESET was born and the initial workshop-tinkering quickly developed into a high-tech product with two models – Ranger for downhill rides in the forest and Scout as a bike suitable for everyday use that can even carry a wheelchair or crutches.

### ELEVEN PATENTS: CLEMENS ARTH RECEIVES NIKOLA TESLA MEDAL

Five patents granted in the last five years is the minimum requirement for being awarded the Nikola Tesla Medal. As a way of celebrating its inventors, TU Graz presents this award every two years



**Clemens Arth and Horst Bischof.**

to persons within the university who have shown outstanding inventive activities. Telematics engineer Clemens Arth exceeds this requirement by far. He was granted eleven patents between 2020 and 2024. Born in Styria in 1979, he has already registered a total of 24 patents. Clemens Arth sees engineering as a craft: “I repair everything I can get my hands on”. Modifying and repurposing hardware and using it with newly programmed software components for various research questions and innovation ideas in the extended reality (XR) spectrum is in his blood.

