



The **European Research Council** (ERC) supports outstanding researchers with highly remunerated grants. Starting Grants are awarded to young researchers who are conducting ground-rearing research and wish to establish their own independent research group. Further categories are the Consolidator Grant for scientists already established in the research community, the Advanced Grant for established scientific leaders and the ERC Proof of Concept Grant for researchers who have already received a grant.

high-energy ultraviolet light. The short wavelength in turn then makes it possible to observe the smallest electronic movements with time resolutions in the range of attoseconds. “An attosecond is a quintillionth of a second and is to a second what a second is to the age of the universe”, explains Ossiander.

WINNERS OF ERC GRANTS AT TU GRAZ

Birgitta Schultze-Bernhardt and Gustav Oberndorfer are currently conducting research at TU Graz with ERC Starting Grants and Paolo Falcaro with an ERC Consolidator Grant. Two Consolidator Grant projects (Stefan Mangard and Gernot Müller-Putz), as well as three completed Starting Grant projects (Anna Coclite, Thomas Pock and Stefan Freunberger) complete TU Graz's ERC record to date. ■

Mind_the Gap: Prizes for Equal Opportunities

What emotions women's football arouses in men and women, how multimedia recommendation systems neglect unpopular content or how the topic of artificial intelligence could be widely communicated – these topics and more are the projects that TU Graz recently awarded Mind_the Gap prizes to.

Ute Wiedner

When human beings in all their diversity in technology and the natural sciences take centre stage, exciting questions arise. Once again, this is impressively demonstrated by the total of five publications and projects from research and teaching that were recently awarded the Mind_the Gap prizes of TU Graz. They all include different aspects of diversity such as age, gender, origin, language or culture.

WOMEN'S FOOTBALL

Jana Lasser and Max Pellert (Institute of Interactive Systems and Data Science) analysed 2.8 million tweets from the 2021 Men's European Championship and the 2022 Women's European Championship to find out what emotions they aroused in fans.

LACK OF DIVERSITY

Emanuel Lacic and Dominik Kowald (Institute of Interactive Systems and Data Science) illustrate in their scientific publication that artificial intelligence-based multimedia recommendation systems such as Spotify or Netflix over-represent popular content.

ARTIFICIAL INTELLIGENCE (AI)

In the project ENARIS – Education and Awareness for Intelligent Systems, a team at the Institute of Software Technology developed workshop formats and teaching content that convey a basic understanding of AI in a low-threshold manner.

ELECTRONICS BASICS

A team at the Institute of Electronics designed the interactive online course ElectrONIX – Amplifiers to teach the basics of electronics to students, upper school students and people in further education.

STEM SUBJECTS

During the core time of the RADEC specialist conference in the field of radiation, which is aimed at professionals in electrical engineering and physics, Alicja Michalowska-Forsyth (Institute of Electronics) organized a lecture and discussion panel with three renowned former women researchers. ■