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INFORMATION, COMMUNICATION & COMPUTING

Fields of Expertise TU Graz



Source: Lunghammer – TU Graz

Kay Uwe Römer, **Information, Communication
& Computing**

After a successful first round in 2020, this year the FoE ICC again had a tenure-track professorship to fill with a broad scope covering all areas of Information, Communication & Computing.

We received a staggering 179 applications from all over the world, including also many applications from former and current TU

Graz members. The selection committee, composed of the deans, FoE leaders, and representatives of non-tenured staff of all three participating faculties as well as student representatives, had the challenging task of screening these applications and selecting the best 25 to be forwarded to three expert reviewers for a detailed assessment. Based on the reviews, the selection board invited nine candidates for interviews in early July. As part of the interviews, numerous meetings were arranged among the applicants and the institutes that would potentially host them. Impressed by the outstanding quality of these interviews, the selection board composed a short list of seven candidates, all of whom would have deserved to be offered a position. Unfortunately we had only one position to fill and were lucky enough that the top-ranking applicant accepted our offer of the tenure-track professorship. We will hear more from the winner of this com-

petition as soon as he starts his work at TU Graz. With the application deadline set for the beginning of May and the shortlist being approved by the Rector in mid-July, the whole selection process was completed in a record time of just two and a half months. I am grateful to the selection board who were faced not just with a huge amount of work due to the large number of applicants, but also with the difficult task of comparing applicants from very different backgrounds – from mathematics and computer science to electrical engineering. A special thank you goes to Stephanie Mühlbacher from F&T House, who was instrumental in the organization of the whole process, paperwork, and communication.

In this edition of TU Graz research Christian Adams, professor at the Institute of Fundamentals and Theory in Electrical Engineering, gives us some insights into his research. Enjoy reading! ●

Christian Adams

Acoustics and Environmental Noise

BMK endowed professorship on noise impact research:
Competence Center for Traffic Noise and Health

Noise is a sound that an individual perceives as disturbing. In 2019, a third of Austrians stated that they were disturbed by noise at home and 48.5% said traffic was a significant source of noise. Across Europe, around 140 million people are exposed to harmful noise, with road (113 million), rail (22 million), and air traffic (4 million) being the primary sources of noise. Around one million people are affected by industrial noise. In addition, high noise pollution also threatens wildlife.

