



## Analysing Air Pollutants

A laser-based technology developed at Graz University of Technology enables the continuous real-time analysis of air pollutants and their interaction with other gases and sunlight.

## Playful Archaeology

Researchers from TU Graz and the University of Graz have digitised a broken altar slab from Lavant so that citizens can put it together online. The aim is to do what generations of archaeologists have failed to do.

## Security Gap

Researchers at Graz University of Technology were successful with three different side-channel attacks on graphics cards via the WebGPU browser interface. The attacks were fast enough to succeed during normal surfing behaviour.

## GAM 20 The Infraordinary

In the 20th issue of GAM – Graz Architecture Magazine, we encounter Italian autogrill service stations, the backyards of Neapolitan palazzi and K67 kiosks from the former Yugoslavia. GAM 20 is available in bookshops or online from JOVIS Verlag.

## Josef Krainer Prizes

Vanja Subotic (Institute of Thermal Engineering) was honoured with the Josef Krainer Recognition Award. The sponsorship award went to Eva Reitbauer (Institute of Geodesy) and Manuel Hauke (Institute of Applied Information Processing and Communications – no longer at TU Graz).

## Zero Emissions Award

Thomas Rath has won the FWF Zero Emissions Award for his project “Halogenated OPV materials - blessing or curse?”.

## Heinz Zemanek Prize

Martin Schwarzl shared first place at the hearing for the Heinz Zemanek Prize 2024.



## Materials and Enzymes

A series on “Customised materials and enzymes for industrial processes” was recently launched on the online platform iMooX. The online course provides a detailed introduction to biocatalysis and how the modification and optimisation of materials and processes can lead to sustainable biocatalytic processes.

## Halil Kaya Gedik Award

Sergio Amancio (Institute of Material Science, Joining and Forming) was honoured with the Halil Kaya Gedik Award 2024 of the International Institute of Welding (IIW) in Category C: Education and Training of Young People. This honours his achievements in teaching and training young engineers.

## Physics Exhibition

On 6 May, the exhibition Another Dimension was opened on the grounds of the University of Graz – directly in front of the information container for the Graz Center of Physics (GCP). The special thing about it: the construction fence for the new GCP serves as the exhibition space, which continuously provides information on the construction site and project as a “wall newspaper”.