

Dear colleagues, research partners and those interested in research at TU Graz,



Horst Bischof
Vice Rector for Research

Lunghammer – TU Graz

We are in times of great change. We haven't quite left COVID behind yet, but we seem to have found a way to live with the virus. The pandemic has shown us how important science is, but it has also accelerated digitalization. Graz University of Technology (TU Graz) has always been a leader in this field, and was able to make another big leap.

Russia's war of aggression in Ukraine has plunged us into the next crises. On the one hand, inflation is hitting us hard. From the present perspective, TU Graz will assume an additional requirement of 50 million euros for this performance agreement period. I hope that by the time you read this issue of TU Graz research, we can already give the all-clear and that the finance minister will largely cover these additional needs of the universities. The universities cannot possibly meet this additional burden on their own.

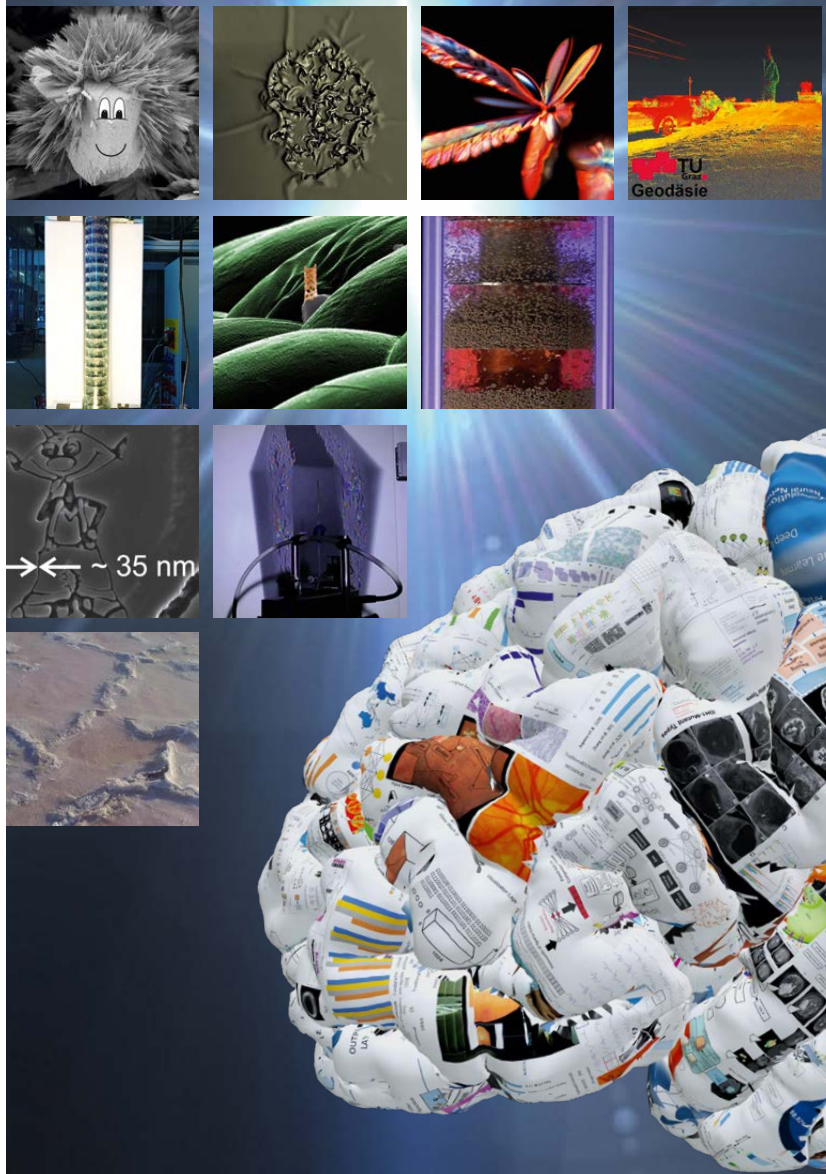
This war has dramatically shown us once again our dependence on fossil energy sources, which we already know in the context of the climate crisis. TU Graz was a pioneer here with its plan for CO₂ neutrality by 2030. Nevertheless, much remains to be done. TU Graz has excellent research to offer, especially in the field of renewable energies (for example our Center for Sustainable Construction or the Hydrogen Research Center, to mention two of our research centres).

Numerous changes are on the horizon at TU Graz for the new year. The University Senate was reconstituted in October 2022. The new University Council will begin its work in spring 2023. And there will also be changes in the Rectorate of TU Graz: I will have the great honour of leading TU Graz as Rector from October 2023. But more on this in the last issue of TU Graz research on my watch as Vice Rector for Research in spring 2023.

Regardless of the current situation, I wish you and your loved ones a peaceful and reflective Christmas season. Hopefully you'll find some time on your hands to browse through our magazine during the holidays. With this in mind, I hope you enjoy reading this issue of TU Graz research and wish you and your families a good and somewhat calmer 2023.

Horst Bischof

Best Photo (Jury):
Barbara Truger and Robert Schmid,
Institute of Structural Design



TU Graz SciPix: The colourful world of science
2022, researchers at TU Graz have once again dug deep into their box of ideas and captured the beauty of their work in pictures and videos. A jury of experts and the online audience chose their winners at the TU Graz SciPix competition.

Images sources from left and downwards: Barbara Truger, Stefanie Eichinger, Michaela Roschger, Karin Wewerka, Peter Bauer, Rafaela Greil, Robert Winkler, Georg Rudelstorfer, Harald Plank, Viktoria Haberl und Maximilian Fuchs, Jana Lasser, Jan Egger, Background: RealCG – AdobeStock