



International Association of Geoanalysts

<http://geoanalyst.org>

GEOANALYSIS 2027 COMES TO LEOBEN: JOIN THE GLOBAL FORUM FOR GEOANALYTICAL SCIENCE

The International Association of Geoanalysts (IAG) invites the geoanalytical community to Geoanalysis 2027, the 13th conference in its flagship triennial series, to be held **8–13 August 2027** at the Technical University of Leoben, Austria. Guided by the IAG's mission to advance geoanalytical science and support professionals working with geological and environmental materials, this meeting will bring together researchers, practitioners, and industry partners from around the world.



Leoben—located in the alpine heart of Styria, Austria—is an ideal setting for scientific exchange. The Technical University of Leoben is internationally recognized for its strengths in mining, petroleum engineering, and applied Earth sciences, as well as materials, metallurgical, and polymer research. Its compact campus, excellent facilities, and welcoming atmosphere foster both high-level scientific discussion and informal networking.

Geoanalysis 2027 will highlight advances in analytical techniques such as ICP-MS (including MC-ICP-MS), XRF/XRD, LA-ICP-MS, SIMS, SEM/TEM, and emerging microanalytical approaches. Equally, the conference emphasizes applications spanning mineral exploration, mining and ore processing, geochronology, isotope geochemistry, environmental studies, reference materials, metrology, and quality assurance. Sessions will also address representative sampling, on-site analysis, and education in geoanalysis.

A central goal of the meeting is to support early-career scientists. Dedicated efforts are being made to keep registration fees and accommodation costs affordable, while providing opportunities for young researchers to present their work, connect with leading experts, and build international collaborations.

Participants are invited to submit abstracts for oral and poster presentations, with an option to submit manuscripts for a special issue of *Geostandards and Geoanalytical Research*. Exhibitors and industrial partners are warmly encouraged to participate; a range of exhibition and sponsorship opportunities will be available.

We anticipate up to 200 delegates from across the globe for an engaging, community-focused meeting that advances best practice and sparks new ideas. For updates, abstract submission, exhibition and sponsorship details, and travel information, please visit

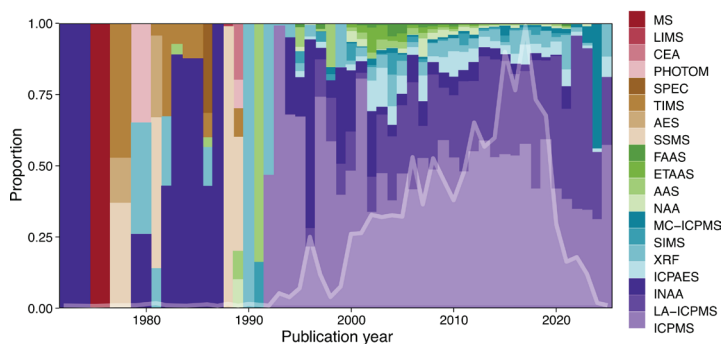
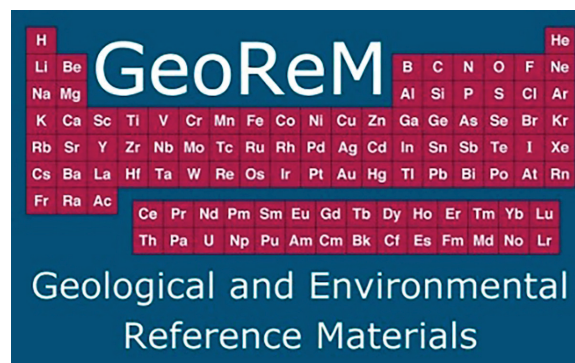
<https://2027.geoanalysis.info/>.

Join us in Leoben for Geoanalysis 2027—where technique meets application, and the geoanalytical community sets the agenda for the years ahead.



GEOREM: NEW STEPS ON CONSOLIDATED GROUND

The geological and environmental reference material database, GeoReM, is a well-known resource to the international geoanalytical community. GeoReM is a FAIR, comprehensive, and freely accessible online database that has provided published and recommended compositional data for reference materials since 2005. After the death of GeoReM's founder, Klaus Peter Jochum, in 2024, it was prudent to negotiate the



Relative proportion of the most widely used methods to measure trace element concentrations in reference materials through time, and the reference material values added to the GeoReM database per year (white curve, $n = 268,447$). DATA SOURCE: GEOREM.

transfer of the ownership of GeoReM from the Max Planck Institute for Chemistry (MPIC) in Mainz, Germany, to the International Association of Geoanalysts (IAG), who will be responsible for the curation of the database in future. The DIGIS-GEOROC group at the University of Göttingen, Germany, is supporting its technical infrastructure and ongoing development and maintenance. A steering committee will critically monitor the development of the GeoReM database and define new key areas of development.

The first step in this process was to safeguard this valuable database and establish secure, stable access from the DIGIS-GEOROC server. The new URL address for accessing the GeoReM database is: <https://georem.earth/>.

Although the external appearance has hardly changed yet, behind the scenes the groundwork has been laid to modernise GeoReM while ensuring that the new database model provides the familiar GeoReM features and paves the way for new functionalities. A key element of this is the establishment of interoperable references (RIS support), which forms the basis for future automated curation through, for example, error-free import of citations, and will also allow users to export citations in any journal style, as well as in interoperable RIS and BibTeX formats. The next major milestone will be the development of a new webpage for GeoReM and related standalone API access services.

Meanwhile, the process of adding more information to the database (curation) will resume with the aim of increasing automation while always adhering to the principle of rigorous editing set out by its founder Klaus Peter Jochum. To achieve this, we naturally need the help of our users. The relevant tools will be made available on the redesigned website in the near future. Until then, please forward all curation requests to a.renno@hzdr.de.