



Having drawn on the reserves to catalyse these activities, the Trust now needs to reduce its annual spend so this is covered by core revenue. Given the focus on the technical roadmap for 2024-2025, support towards technical oversight, coordination and planning is the first priority, and roles in other areas are being reduced. This refocus will enable the delivery of InChI enhancements that have been long desired by the user community and grow partnerships and member contributions that support further scientific activities to push the standard forward.

Quick links to noteworthy updates:

- The InChI code and releases—from the latest beta back to 1.03—are now available on GitHub, and future developments will be based on this refreshed and active codebase: <https://github.com/IUPAC-InChI/InChI>. Thanks to all who contributed to this fantastic effort.
- The Open Education Resource paper has been published in *Chemistry Teacher International*: <https://doi.org/10.1515/cti-2023-0009>. Thanks to Bob Belford and his working group. (See more p.32)

For updates, see <https://www.inchi-trust.org/>

IUPAC Standards Online—Free Access

IUPAC Standards Online is a database built by De Gruyter from IUPAC's standards and recommendations, which are extracted from the journal *Pure and Applied Chemistry (PAC)*. "Standards" are definitions of terms, standard values, procedures, rules for naming compounds and materials, names and properties of elements in the periodic table, and many more. The database is the only product that

provides for the quick and easy search and retrieval of IUPAC's standards and recommendations which until now have remained unclassified within the huge *Pure and Applied Chemistry* archive.

Secure your free access to IUPAC Standards Online until 31 December 2024.

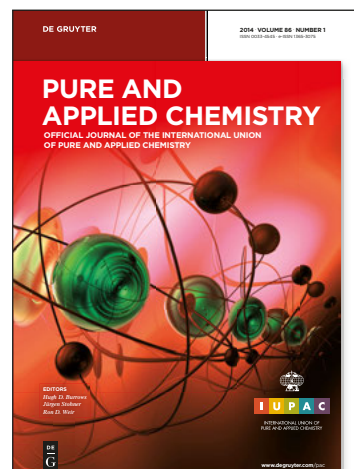
Simply go to this page: <https://www.degruyter.com/accessLink/IUPACdb2024> for activation. You will need a user account on degruyter.com to access the database; you will then have free access to all articles until the end of the year.

<https://cloud.newsletter.degruyter.com/degruyterandiupac>

PAC Open for Submissions

IUPAC and De Gruyter are pleased to announce that *Pure and Applied Chemistry (PAC)* now invites submissions of research articles and review articles.

By inviting the global community to submit their research to *PAC*, the journal supports IUPAC's mission to advocate the free exchange of scientific information, unite chemists worldwide, and ultimately advance pure and



applied chemistry. Publication of IUPAC's formal Recommendations and Technical Reports remains by invitation only.

All submissions to *PAC* can be made via the online submission site. Detailed instructions for authors can be found on the journal homepage.

PAC is the flagship journal of the International Union of Pure and Applied Chemistry (IUPAC). *PAC* advances chemistry worldwide by publishing:

- IUPAC formal Recommendations and Technical Reports: This is where you will find the very latest IUPAC recommendations on data standards, nomenclature, and terminology. Next to the IUPAC Colour Books, *PAC* is the only authoritative source for IUPAC recommendations, which are published after an exceptionally rigorous review process to provide standards that you can trust.
- Research and Review articles that explore critical areas of development in chemistry
PAC articles identify dynamic areas of chemistry with significant impact on global advancement. This is your source to remain at the forefront of chemistry.
- Special issues on emergent and topical concerns in the chemical sciences
PAC special issues highlight pioneering technologies, foster innovative collaboration across chemical disciplines and showcase examples of chemistry standards and FAIR data principles in practice.

PAC provides the best examples of practical open chemistry, as a part of IUPAC's mission to provide the common language for chemistry and support the free exchange of scientific information.

For details, see <https://www.degruyter.com/pac>

Teaching Ethics and Core Values in Chemistry Education—Call for Papers

In October 2015, the The Hague Ethical Guidelines were adopted by OPCW and were endorsed by IUPAC 4 May 2016. In line with that development, attention has been focused on formulating core values for chemists, focusing specifically on the ethical aspects of the use of chemical knowledge, as well as the use of chemicals within the environment. There are many examples of misuse of chemical knowledge, as demonstrated in the TV series *Breaking Bad* focusing on the production of illicit drugs. Within chemical industry the use of (micro)plastics,

the use and production of pesticides is another issue. Within education, codes of academic conduct have always played an important role. Recently more attention has been given in education to ethical use of chemical knowledge and the relationship between the use of chemically produced compounds, and the production of chemical compounds and the environment. This is demonstrated for example by the development of Green Chemistry.

A special issue devoted to education and outreach activities concerning ethical issues in chemistry is planned for *Chemistry Teacher International*. We are looking for good practices in the teaching and learning about ethics related specifically to the use of chemical knowledge, and the use of chemically produced compounds. This may be related to the use and production of chemical weapons, but also to the use of chemical knowledge related to the production of illicit drugs and undesired consequences of the production and/or use of materials and agrochemicals. The responsibility of each individual having obtained chemical knowledge should be made clear.

We are looking for articles of about 5000 words describing ways in which these issues are introduced in the classroom. In the article an analysis and evaluation of the effects of the introduction should be given. The article should be an invitation for other lecturers to use the described activities as a starting point in their own situation. In addition a review of literature about teaching ethics in chemistry will also be welcomed.

This special issue will be published in December 2024 and will constitute an outcome of IUPAC project 2023-026-2-050. For more information contact Jan Apotheker, J.H.Apotheker@rug.nl

<https://iupac.org/teaching-ethics-and-core-values-in-chemistry-education-call-for-papers/>

Inorganic Chemistry Division—Feb 2024 Newsletter

The Spring 2024 Newsletter of the Inorganic Chemistry Division is now available. It was compiled thanks to Division II members' input. Please keep sending your items, including pictures, or suggested topics for future issues, via email to the Newsletter Editor: Dan Rabinovich <D_RABINOVIC@uncg.edu>

Download PDF from <https://iupac.org/inorganic-chemistry-division-feb-2024-newsletter/>