

FAIR Data in Chemistry: Current Trends

Abstract / Contribution Submission Template

[ICIQ, 23 October]

Fill in all fields below. Replace the italicized text with your own information and delete these instructions before submitting.

1. Submission Details

Title of the work	<i>Clear and concise title (max. 20 words)</i>
Corresponding author	<i>Full name</i>
Co-authors	<i>Name, affiliation, ORCID — one per line</i>
Affiliation	<i>Institution, department, country</i>
Email	<i>email@institution.edu</i>
ORCID	<i>0000-0000-0000-0000 (optional, but recommended)</i>

2. Thematic Track

Select the thematic track that best fits your submission:

- ☐ FAIR principles applied to chemical and experimental data
- ☐ Data repositories and infrastructures
- ☐ Standards and formats: InChI, SMILES, CML, mzML, nmrML, CIF
- ☐ Electronic lab notebooks and research data management
- ☐ Machine learning (ML)
- ☐ Ontologies and controlled vocabularies in chemistry
- ☐ Institutional policies, funding, and Data Management Plans (DMPs)
- ☐ Other: _____

3. Keywords

Provide between 3 and 6 keywords, separated by commas.

Keywords	<i>e.g., FAIR data, cheminformatics, spectroscopy, repositories</i>
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4. Abstract

Maximum 300 words. The abstract should include: background/motivation, objectives, methodology, key results, and conclusion/relevance to FAIR data in chemistry.

[Write your abstract text here...]

5. Data Availability and Reuse (FAIR)

In line with the theme of the event, briefly describe how the data associated with this work comply (or are intended to comply) with the FAIR principles.

Deposit repository

e.g., ioChem-BD, Zenodo, PubChem, Chemotion, NOMAD

Persistent identifier (DOI)

e.g., 10.xxxx/xxxxx (if already assigned)

Data licence

e.g., CC-BY 4.0, CC0

Formats used

e.g., CML, mzML, InChI, CIF

6. References

List up to 5 relevant references, numbered.

1. [Author(s). Title. Journal, Year, Volume, Pages. DOI.]
2. [...]
3. [...]

7. Declaration of Artificial Intelligence Use

Indicate whether generative AI tools (e.g., ChatGPT, Claude, Gemini, Copilot) were used in preparing this text.

- ☐ No generative AI tool was used in preparing this text.
- ☐ Generative AI was used for support purposes (e.g., language editing, formatting, translation). The scientific content remains the authors' responsibility.
- ☐ Generative AI was used to generate substantive content (e.g., drafting sections, data analysis). Details provided below.

Tool(s) used and purpose:

[e.g., "Claude was used to review the language clarity of the abstract; no scientific content was generated by AI."]

8. Declaration

- ☐ I confirm that this work is original and has not been submitted simultaneously to another event.
 - ☐ I authorize the publication of this abstract in the event proceedings/website.
 - ☐ I authorize being contacted by email for review and event organization purposes.
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