

**INDRUM2024**  
**Fifth conference of the**  
**International Network for Didactic Research in University Mathematics (INDRUM)**  
**10–14 June 2024, Barcelona (Spain)**  
<https://indrum2024.sciencesconf.org>

**First announcement and Call for paper and poster proposals**

We are pleased to announce INDRUM2024, the fifth conference of the International Network for Didactic Research in University Mathematics, to be held in June 10–14 in Barcelona (Spain). This conference is an activity of the International Network for Didactic Research in University Mathematics (INDRUM), which aims to contribute to the development of research in didactics of mathematics at all levels of tertiary education, with a particular focus on supporting new researchers in the field and on a dialogue between the communities of Mathematics and Mathematics Education. The themes to be addressed at INDRUM2024 will build on those addressed at the previous INDRUM conferences: INDRUM2016 in Montpellier (France); INDRUM2018 in Kristiansand (Norway); INDRUM2020 online from Bizerte (Tunisia); and INDRUM2022 in Hannover (Germany). The target audience of this conference are researchers in the didactics of mathematics, mathematicians, as well as teachers and researchers who are interested in these issues. The organisation of the conference will comprise: a plenary lecture by Marianna Bosch (University of Barcelona, Spain); an expert panel discussion on the theme “Mathematics for non-specialists”; about six thematic working groups; a poster exhibition; and an early career researcher event. Pre-conference proceedings will be distributed to registered participants. The final version of the proceedings will be posted on the open archive HAL (<https://hal.archives-ouvertes.fr/INDRUM>). The number of participants is restricted to approximately 150, plus a number of local attendees. The main language of the conference is English. There is the possibility to submit and present a paper in Spanish provided the presenter considers how to address the conference audience in its linguistic diversity through slides or a handout in English.

For more information, we invite you to consult the conference website that will be regularly updated: <https://indrum2024.sciencesconf.org>.

We now invite research paper and poster proposals on the following themes / keywords:

1. Teachers’ and students’ practices at university level.
2. Teaching and learning of specific topics in university mathematics.
3. Transition to, across and from university mathematics.
4. Curricular and institutional issues concerning the teaching of mathematics at university level.
5. Novel approaches to teaching.
6. Digital and other resources in university mathematics education.
7. Assessment practices in university mathematics education.
8. Preparation and training of university mathematics teachers.
9. Epistemology, philosophy and history in university mathematics education.
10. Teaching and learning of analysis and calculus.
11. Teaching and learning of linear and abstract algebra.
12. Teaching and learning of number theory and discrete mathematics.
13. Teaching and learning of logic, reasoning and proof.
14. Teaching and learning of mathematics in other disciplines<sup>1</sup>.

Submissions should comply with the guidelines at the end of this document and the [INDRUM template](#). Please note that the working groups will be organised after we have received submissions. You are therefore requested to provide keywords as follows:

- *Two keywords* from the list above.
- *A maximum of three additional keywords* (either from the list above or other ones that you deem relevant to your submission).

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<sup>1</sup> For instance, biology, chemistry, economics, engineering, physics, etc.

## *Timeline*

- 1 October 2023: Submission of papers/posters proposals opens on <https://indrum2024.sciencesconf.org>
- 2 November 2023: Registration opens
- 23 November 2023: Deadline for submission of papers and posters proposals
- 10 January 2024: Deadline for reviewers to submit their reviews
- 10 February 2024: Decisions about paper or poster acceptance
- 29 February 2024: Deadline for registration and payment
- 4 April 2024: Deadline for revisions of papers and posters
- 3 May 2024: Second announcement with conference programme and pre-proceedings available on the conference website
- 10–14 June 2024: Conference in Barcelona (Spain)

On behalf of the INDRUM2024 International Programme Committee (IPC) and the Local Organising Committee (LOC), we look forward to your submissions and to working towards a stimulating and exciting conference!

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### IPC Members

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Matija Bašić (University of Zagreb, Croatia)  
Laura Branchetti (University of Milan, Italy)  
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Mitsuru Kawazoe (Osaka Metropolitan University, Japan)  
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### LOC Members

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Jordi Cuadros (IQS – Univ. Ramon Llull, Spain)  
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Lídia Serrano (Universidad de Deusto, Spain)

## Guidelines for paper and poster proposals

### ***How to submit a paper***

The website <https://indrum2024.sciencesconf.org> will open for submissions on 1 October 2023. Please submit your paper by 23 November 2023. Note that, in order to access this page, you need to login with your existing INDRUM details or create an account and then log in. We request that you follow the guidance given for the format of your paper below. Following peer review, by 10 February 2024, you will receive a decision about whether your paper has been accepted for pre-conference publication on the INDRUM website and discussion at the conference. Acceptance is likely to be conditional on revisions to your paper. In this case, you will be asked to return the revised paper by 4 April 2024. Details concerning the inclusion of your paper in the conference programme will be communicated closer to the start of the conference.

Please format your paper as follows:

1. Write the paper in English or Spanish using Times New Roman 14-point font, 16-point line spacing, and 6 points between paragraphs; occupying a frame of 170 by 247 mm. You must use the [INDRUM template](#).
2. Restrict your paper to a maximum of ten pages, including references, figures, and appendices.
3. Begin the paper with an abstract of up to ten lines, single-spaced, in italics.
4. Indicate up to five keywords as indicated in the *Call for paper and poster proposals*.
5. Except the title, authors, and affiliations, justify your text on both sides.
6. Give references in the APA7 style, <https://apastyle.apa.org/style-grammar-guidelines/references/examples>.
7. Your paper may include links to supplementary material available in your own space (but the paper must remain self-contained). Authors are responsible for the availability of their supplementary material.
8. Convert your paper into a PDF file and upload this file on the submission portal (this prevents formatting issues emerging in the conversion).

We kindly request that you comply with this format, and we note that papers not using this format in full may not proceed to the peer review stage.

### ***How to submit a poster proposal***

The website <https://indrum2024.sciencesconf.org/> will open for submissions on 1 October 2023. Please submit your poster by 23 November 2023. Note that, in order to access this page, you need to login with your existing INDRUM details or create an account and then log in. We request that you follow the guidance given for the format of your poster below. Following peer review, by 10 February 2024, you will receive a decision about whether your poster has been accepted for pre-conference publication on the INDRUM website and discussion at the conference. Acceptance is likely to be conditional on revisions to your poster. In this case, you will be asked to return the revised poster proposal by 4 April 2024. Details concerning the inclusion of your poster proposal in the conference programme will be communicated closer to the start of the conference.

Poster proposals must include a short description of the research topic, the theoretical framework, research questions, and, if possible, research results and implications based on the research results.

Please format your poster proposal as follows:

1. Write the proposal in English or Spanish using Times New Roman 14-point font, 16-point line space, and 6 points between paragraphs; occupying a frame of 170 by 247 mm. You must use the [INDRUM template](#).
2. Restrict your proposal to a maximum of two pages. The proposal must include a title, up to five keywords following the requirements indicated in the call for paper and poster proposals, and a summary description of the content of the poster and of the way its content will be presented.
3. Do not include an abstract in your two-page poster proposal. A short abstract is required only on the submission portal.
4. Indicate up to five keywords as indicated in the *Call for paper and poster proposals*.
5. Except the title, authors, and affiliations, justify your text on both sides.
6. Give references in the APA7 style, <https://apastyle.apa.org/style-grammar-guidelines/references/examples>.
7. Your text may include links to supplementary material available in your own space (but the text must remain self-contained). Authors are responsible for the availability of their supplementary material.
8. Convert your poster proposal into a PDF file and upload this file on the submission portal (this prevents formatting issues emerging in the conversion).

We kindly request that you comply with this format and we note that proposals not using this format in full may not proceed to the peer review stage. If your proposal is accepted, a vertical rectangular board will be made available at the conference for the presentation of your poster.