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ERME Topic Conference 2022
Language in the Mathematics Classroom
7th-10st September 2022
Oxford University, Oxford, United Kingdom

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Rationale of the Conference

Research on language in mathematics is continuing to develop. Since the beginning of ERME, the study of language has seen a shift from distinguishing between the language of the teacher, the language of the students and the language of mathematics, towards a more integrated understanding, with research focusing on the language in interaction and the role of language in meaning making. The previous ETC on this topic (Montpellier 2020) has also seen a shift towards more theoretic diversity, towards new areas (university mathematics) as well as towards more integrative views that attempt to combine multiple approaches. At the same time, the sudden shift towards online learning has made issues of language more prevalent, without precedents in research for how to address these issues.

To further understand these emerging issues, the ETC is very timely. It has the potential to allow for deep discussions and exploration of these issues within a specific topic, but also to explore cross-sectional issues of language in mathematics in themed sessions. The participation of established researchers together with early career researchers is a key priority and will ensure a diversity of perspectives and research foci. With respect to knowledge and skill development, early career researchers learn to communicate what is new in their studies and will have the opportunity to contribute to the domain and the broader discipline.

Theme, subthemes and structure

The major theme of the ETC, 'Language in the Mathematics Classroom', will be organised into the following overlapping subthemes (ST):

ST1:   Developments in the study of classroom interaction and discourse;

ST2:   Language in heterogeneous classrooms, particularly the impact of different linguistic/multilingual contexts on the learning and teaching of mathematics;

ST3*:*   Teacher Education for language-responsive learning and teaching of mathematics.

Also, the conference will include a meet-the-designer evening where participants can present the design of learning and teaching material (see call for design posters).

YERME preconference day

The support of early career researchers is a strong focus of ERME. The conference fully embraces this goal. Accordingly, the conference is preceded by a preconference day in which early career researchers can present and discuss their projects with members of the IPC, as well as get a structured overview on the current state of the field.

Call for papers

The conference will be in English. The conference invites three types of submissions, namely papers, posters, and design posters. Papers and posters must deal with one or more of the subthemes of the conference, but one subtheme must be identified (ST1, ST2 or ST3).

1 Papers

Paper proposals consist of up to 8-page full papers. They report on research results, research in progress, theoretical developments, and/or are discussion papers.

2 Posters

Poster proposals consist of 2 pages. They report on research results, research in progress, or theoretical developments.

3 Design posters

Design posters present design principles and show examples of learning material. A design poster can be submitted in the form of a brief abstract (max. 500 words) briefly outlining the mathematical topic, language context and design principles that will be presented.

A person can only be first author for one contribution, except for design posters. In fact, we strongly encourage the submission of a design poster together with a paper/regular poster. Each proposal will be peer-reviewed by two people from among those who submit proposals. The IPC will make the final decision about acceptance according to: a) the quality of the work, b) the potential to contribute to the conference topic, and c) the explicit fit to a subtheme. Submissions must use the CERME template (https://www.cerme12.it/authors/).

Paper and poster submission

The submission of Posters and Papers is organized through e-mail. Send your proposal as both, Word- and PDF file, to Jenni Ingram (jenni.ingram@education.ox.ac.uk) and Alexander Schüler-Meyer (a.k.schuelermeyer@tue.nl). The file must be named as *ETC_FIRST AUTHOR_PRIMARY SUBTHEME*, e.g. *ETC_Ingram_ST1.docx.*

Timeline and deadlines

First announcement	October 1st, 2021
Submission of papers and posters	February 25th, 2022
Submission of reviews	March 25th, 2022
Notification of review decisions	March 31st, 2022
Paper/Poster revision	May 13th, 2022
Final decision for revised papers/posters	May 20th, 2022
Conference	September 7th–10st, 2022
Submission of revised papers and posters	November 11th, 2022
Final decision of acceptance	December 9th, 2022
Conference proceedings in HAL archive	February 10th, 2023

International Program Committee

Alexander Schüler-Meyer (Netherlands, Chair); Jenni Ingram (UK, chair local organizing committee); Aurélie Chesnais (France); Kirstin Erath (Germany); Marie Therese Farrugia (Malta); Ingolfur Gislason (Iceland); Maire Ni Riordain (Ireland); Nuria Planas (Spain); Susanne Prediger (Germany); Frode Ronning (Norway); Marcus Schütte (Germany); Konstantinos Tatsis (Greece).

Local organizing committee

Jenni Ingram; Karen Skilling; Ashley Abbott (UK); Alexander Schüler-Meyer (Netherlands); Kirstin Erath (Germany).