



Sixth Symposium on Mathematical Work First call

Dates: December 13 – 18, 2018

Place: Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile

Languages of the Symposium: English, French, Spanish

Organizing Institution: Institute of Mathematics, Pontificia Universidad Católica de Valparaíso

Web site: <http://ima.ucv.cl/congreso/ETM6/>

Coordinators of the Scientific Committee

Philippe R. RICHARD

Université de Montréal, Canada – Co-President of Scientific Committee

Laurent VIVIER

Université Paris Diderot, France – Co-President of Scientific Committee

Denis TANGUAY

Université du Québec à Montréal, Canada – Responsible for Topic 1

Michela MASCHIETTO

Università degli Studi di Modena e Reggio Emilia, Italia – Responsible for Topic 2

Inés M^a GÓMEZ-CHACÓN

Universidad Complutense de Madrid, Spain – Responsible for Topic 3

Alain KUZNIAK

Université Paris Diderot, France – Responsible for Topic 4

Elizabeth MONTOYA DELGADILLO

Pontificia Universidad Católica de Valparaíso, Chile – President of Organizing Committee



Members of the Scientific Committee

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Charlotte DEROUET, Université de Strasbourg, France

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Organizing Committee

Pontificia Universidad Católica de Valparaíso (PUCV), Chile

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Organization of the Symposium

ETM meetings are international symposia organized into working groups, the work being based on the participants' contributions. The *Symposium* formula stimulates exchanges of ideas and enables the development of a scientific community with common interests.

The Symposium will be carried on during five days, in three languages (English, Spanish, French) as in the previous ETM meetings. Each oral communication and poster will be produced in one of these three languages; oral presentation will be supported by a slide show written in one of the other two languages.

The meeting will be organized around four main topics and each contribution should deal with one of these topics. The number of participants is limited to 25 by topic, in order to ensure greater interaction and discussions. Each topic of the symposium will be introduced by a plenary presentation recalling, in particular, the achievements of previous symposia.

Topics of the Symposium

Topic 1 – The mathematical work and Mathematical Working Spaces

Responsibility: Denis TANGUAY

Topic 2 – Specific tools and signs in the mathematical work

Responsibility: Michela MASCHIETTO

Topic 3 – Genesis and development of mathematical work: the role of teachers, of trainers and of interactions

Responsibility: Inés M^a GÓMEZ-CHACÓN

Topic 4 – The role and use of tasks in mathematical work

Responsibility: Alain KUZNIAK



Call for Papers and Proceedings

Oral communication or poster should be proposed first through a short summary (three pages), and should deal with an explicitly identified topic chosen among the four that are addressed by the Symposium. It should be based on an investigation and connected to at least one of the scientific axes of the symposium. The summaries will be evaluated by the Scientific Committee.

Each accepted proposal will then be completed, according to CERME templates, as an article and assigned to one of the four topics of the symposium. The length will not exceed 12 pages for an oral contribution, and 3 pages for a poster.

All accepted contributions will be pre-published online, to be available at the Symposium.

As a result of the meeting, the contributions will be revised by the authors so that they can be submitted for publication in a book or in an international journal.

Important dates

Submission of a three-pages abstract to the scientific committee before **March 31, 2018**.

Notification of the review by the Scientific Committee before **May 31, 2018**.

Submission of the entire contributions before **August 31, 2018**.

Registration to the Symposium: **September 2018**.

The Symposium will take place **from December 13 to December 18, 2018**.

Submission of the papers for publication before **March 1, 2019**.

Contacts

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More information on the website: <http://ima.ucv.cl/congreso/ETM6>