

The organizing team of Topic Study Group 34 hereby issues a

Call for papers

The role of mathematics competitions and other challenging contexts in the teaching and learning of mathematics

*Topic Study Group 34, ICME-12,
JULY 8-15, 2012, Coex, Seoul, Korea¹*

The aim of TSG 34 at ICME-12 is:

1. To gather teachers, mathematicians, mathematics educators, researchers and other congress participants who are interested in mathematical competitions and other challenging contexts in the teaching and learning of mathematics at all levels.
2. To present research results and reports on activities that will allow the group to make an updated sketch of the state of the art, thus further developing the aims of the 16th ICMI Study, and colouring it in by addressing new trends and developments in research and practice in mathematics competitions and other challenging contexts and their effect on mathematics teaching and learning.²

Consult www.wfnmc.org to find the aims and focus of TSG34 and the questions that may be addressed, and to learn about the goals and expectations of the organising team and pinpoint research problems of special interest to the group.

The same information will soon be available at: <http://www.icme12.org/>

The schedule for the work of the study group at ICME-12 will be announced in the near future, it will include the presentation of papers and a possible joint session with the study group on creativity. The organizing team also invites speakers to submit their papers to the WFNMC journal³ for possible publication in a special issue.

for general congress information <http://www.icme12.org/> ¹

² The work of our group is a continuation of the study of topics undertaken by Discussion Group 19 at ICME-11 in Monterrey, México:

The role of mathematical competitions and other challenging contexts in the teaching and learning of mathematics, (<http://dg.icme11.org/tsg/show/20>)

and ICMI Study 16, *Challenging Mathematics in and beyond the Classroom*

(<http://www.amt.canberra.edu.au/icmis16.html>) edited by Edward J. Barbeau, Peter J. Taylor and published by Springer in 2009.

³ Mathematics Competitions: The Journal of WFNMC. Edited by Jaroslav Svrcek.

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In summary, the organizing team welcomes all contributions related to mathematical challenges, the state of the art, follow-up studies and the results of studies on the impact of these activities on mathematics education.

How to join the group:

Those wishing to join the study group are requested to submit a paper of between 1500 and 2500 words in length addressing issues highlighted or others that make a significant contribution to the aims and focus of the group. This contribution should be received by the co-chairs no later than **December 1, 2011** via e-mail.

We look forward to receiving your contributions and kindly ask all researchers who are interested in the subject to share their knowledge and experience with other members of the group.

Topic Study Group 34

ICME-12, Seoul, Korea

The organizing team for this study group is composed as follows.

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