



13th International Congress on Mathematical Education

July 24 – 31, 2016 In Hamburg / Germany



TOPIC STUDY GROUP 29: MATHEMATICS AND CREATIVITY

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The content of “creativity” and “mathematics” includes a huge amount of concepts, methods, problems, tools, models, procedures.

The main aim of this group is to give the floor for presentations and discussions on current theoretical and practical issues, related to mathematical creativity, from the perspective of students, teachers, educators, researchers, policy makers, parents and specialists in different subjects, areas and media.

The focus of the group will be on presenting:

- 1) environmental issues related to mathematical problems, problem solving and problem posing, specific theories of learning and methods of instruction, curricular and extracurricular, teaching and scientific materials, journals and books; communication, information and computer technologies; audience and performance of students' mathematical creative products;

- 2) general issues related to concepts and interactions between them such as: mathematical creativity, giftedness, creative products, processes and environments, motivation and stimulation, identifying programs and models, educational policies, parents and society;
- 3) teacher issues related to traits, knowledge, skills, competencies, creativity, professional development and the teacher's role as facilitator;
- 4) student issues related to providing possibilities for students' mathematical creativity, examples, successfully applied educational models and examples of good practices.

Deadlines for the Submission of Papers and Posters

1st September – 1st October 2015	Submission of papers
1st September – 1st October 2015	Submission of posters by those intending to apply for the solidarity fund
10th December – 20th December 2015	Decisions on acceptance of papers or posters sent out
1st October– 22nd December 2015	Application to solidarity fund from researchers of less-affluent countries
12th January – 20nd January 2016	Decisions on funding sent out
1st January– 31st January 2016	Submission of posters (by those not applying for the solidarity fund)
22nd February – 28st February 2016	Decisions on acceptance of posters sent out

An ICME Template is available at the web site:
http://www.icme13.org/proposals_and_paper_submission

An extensive publication program concerning the Topic Study Groups of ICME 13 is offered by Springer Publisher allowing the publication of selected papers presented at the Congress.

**For more information contact the members of the
TSG 29 MATHEMATICS AND CREATIVITY**