CERME7: Working Group 13
Early Years Mathematics

Leaders
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Scope and Focus of WG 13
This Working Group deals with the research domain of mathematics learning and mathematics education in the early years, age 3 to 7. In recent years the interest in this topic has increased immensely. Different research strands raise the importance of this domain. Usually the related research is interdisciplinary. Especially for mathematics education it is of vital interest to participate in these interdisciplinary activities and to foster research questions with regard to mathematics learning. Beside these domains of research one also has to consider that especially in Europe we are confronted with an enormous variety of conceptualizations of preschool learning opportunities. In some countries primary school starts at age 5 in others at age 6 and in some countries preschool and kindergarten has a clearly defined academic curriculum including early years mathematics, in other countries this is not the case. This variation offers a great challenge and opportunity to establish a world wide leading research group.

Call for papers and poster proposals
In Working Group 13 we welcome theoretical, methodological, empirical or developmental papers (10 pages maximum) and poster proposals (2 pages) on issues such as the following, though any paper/poster of relevance to the overall focus of the group will also be considered:

- development of number-concept, geometrical orientation, and other mathematics domains
- problem solving and developing mathematical thinking in early years
- language acquisition and language development and its relation to mathematics learning,
- gestures and non-verbal aspects in teaching and learning mathematics
- semiotic approaches
- neurobiology
- the field of migrant children
- the field of gender
- the social contexts for learning including home influences
- curriculum materials including information and communication technology (ICT).

Papers and poster proposals should use the CERME7 WORD template, and conform to the guidelines at www.cerme7.univ.rzeszow.pl/?id=cerme-guidelines-for-authors. To submit it, you must email your paper as a WORD document to Götz Krummheuer at goetzkrummheuer@mac.com, AND at the same time to the conference secretariat at s.cerme7@univ.rzeszow.pl. If possible please also send a pdf version in addition to the WORD document.

Reviews and Decisions
Each paper will be peer-reviewed by three persons from among those who submit papers to this Working Group. Please expect to be asked to review up to three papers yourself between 15th September and 22nd October 2010. It may be necessary for you to revise your paper before final acceptance. Please reserve some time to do this in the second half of November. The group leaders will decide about the acceptance of posters.

Important dates
15th September 2010: Deadline for submission of papers.
1st October 2010: Deadline for submission of poster proposals
22nd October 2010: Deadline for reviewers to submit their reviews.
1st December 2010: Deadline for revisions to papers.