

3rd International Realistic Mathematics Education Conference
The Design and Use of Learning Progressions in Mathematics Education

University of Colorado at Boulder
September 23 – 25, 2011

~ FIRST ANNOUNCEMENT ~

We cordially invite you to join us September 23 – 25, 2011, in Boulder, Colorado, for the Third International Realistic Mathematics Education Conference (RME3), held at the University Memorial Center situated on campus in the scenic foothills of the Rocky Mountains. This three-day conference is sponsored by the University of Colorado School of Education and the Freudenthal Institute USA.

Realistic Mathematics Education, widely respected throughout the world as an exemplary approach to mathematics education, is a Dutch approach to design of curriculum, assessment and instruction that has evolved over the last 40 years out of the work of Hans Freudenthal and research faculty at the Freudenthal Institute.

Who Should Attend?

The conference will serve an audience with various roles and interests in mathematics education. The program is organized to address the needs of lead teachers and professional developers; district, state or regional administrators; and university faculty who are engaged in research in mathematics education and/or teach pre-service courses. The content addressed in this 3-day conference ranges from early elementary to post-secondary level mathematics.

Conference Program

The 2011 RME conference will focus on learning progressions in mathematics and the design and use of learning trajectories. Plenary and interactive breakout sessions will explore the research on learning progressions in mathematics and the design of instructional sequences that engage the mathematical reasoning of all learners. The program will include keynote speakers Doug Clements, Koeno Gravemeijer, and Bill Jacob, and an expanded program of 90 minute breakout sessions offered by research faculty and teachers from the United States and abroad who have engaged in design and use of instructional sequences to support understanding of mathematics from early elementary education through undergraduate mathematics.

- The conference will begin with the opening plenary Friday, September 23rd at 8:30am.
- On Saturday the conference program begins at 9:00am with late afternoon and evening excursion options available after 4pm.
- The conference will conclude Sunday, September 25th at 4:00pm.

Call for Presentations and Papers

This year we will open a portion of the conference program to proposals to offer 90 minute sessions that address the theoretical and practical work related to the RME3 program theme and are of interest to the audience. Given the number of remaining program openings for conference speakers, however, we can only accept a relatively small number of proposals. The program committee and a panel of reviewers will evaluate proposals based on the extent to which they:

- 1) Present research and/or design principles described in a way that is accessible to researchers and practitioners, and
- 2) Describe how practitioners have used (or can use) the design principles, findings or related materials in classrooms.

The most competitive proposals will address both of these goals to highlight how research regarding the development of student reasoning has resulted in practical applications for classroom or online settings. For example, classroom-based research that involves the development of an instructional sequence to elicit student reasoning in measurement of area (or any other targeted domain in mathematics) and resulting examples of student responses would be of interest. Similarly, a meta-level presentation that synthesizes findings from multiple studies in a particular mathematics domain to support a proposed learning trajectory would also address these dual goals. Papers and related materials will be published in online conference proceedings that will be available to attendees and the greater mathematics education community.

Submitting a Proposal

If you are interested in being a speaker for the conference, please submit your proposal to fius@colorado.edu using the format found at the end of this email.

The deadline for submitting a speaker proposal is Friday, June 3rd at 11:59pm. Decisions regarding proposals will be emailed by June 18th.

Registration

The Conference registration page is: <http://cucs.colorado.edu/confreg/rme2011>

Please register by the June 30th pre-enrollment deadline to submit a reduced conference fee of \$275. After June 30th the standard registration fee is \$345. Lead speakers for an accepted proposal will be able to register for the conference at a discounted rate of \$145.

Conference registration fee covers materials, continental breakfast, lunch and snacks. The registration fee does not cover transportation, lodging and other meals. Participants are responsible for their own travel expenses.

Enrollment for this conference is limited and registration may close early, so please pre-register as soon as possible.

Lodging

Participants must arrange for their own travel and lodging. Because of its proximity to the campus and conference, a block of rooms has been reserved for conference participants at the:

Millennium Harvest House Boulder

1345 28th Street

Boulder, CO 80302

Phone: (303) 443 -3850

<http://www.millenniumhotels.com/millenniumboulder/index.html>

Guests may call (800) 545-6285 or (303) 443-3850 and ask for the Reservations Department.

Guests may also send e-mail reservations to boulder@mhrmail.com

When making hotel arrangements, refer to the group conference code

“CU - School Of Education RME Conference” to receive the reduced conference rate:

Single: \$104/night

Double: \$104/night

Triple: \$114/night

Quad: \$124/night

Confirmation

Upon receiving registration, the program committee will send a confirmation email within 48 hours that includes general conference information. Additional information and updates will also be emailed and posted to the conference website.

Conference Website

A website with an online registration option, conference updates, and links to research literature in Realistic Mathematics Education will be available later this spring, in conjunction with the posting of a second announcement.

Questions

Please direct any conference related inquiries to David Webb at fius@colorado.edu

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Speaker Proposal

Title

Name(s)

Affiliation

Email

Proposal Description (500 words)

Option A. If this is a research proposal, please include

- I. Purpose of Study
- II. Methods
- III. Findings and Results
- IV. Recommendations for Researchers and Practitioners

Option B. If this describes the development of a learning progression or trajectory, please include

- I. Rationale
- II. Design Process
- III. Evidence and/or examples of student work
- IV. Recommendations for Researchers and Practitioners