

**To:** EECERA Board of Trustees  
**From:** Oliver Thiel and Bob Perry  
**Re:** Special Interest Group on Mathematics Birth to Eight Years.  
Report on activities undertaken and planned 2014-2015  
**Date:** 9 May 2015

The Special Interest Group on Mathematics Birth to Eight Years had no convenors for several years. It was re-started in Crete in 2014. Its work has just begun. Therefore, the group has undertaken only a few activities listed below.

### **Names and Emails of convenors and current members of the SIG:**

#### ***SIG Convenors:***

Dr. Oliver Thiel ([Oliver.Thiel@dmmh.no](mailto:Oliver.Thiel@dmmh.no))

Prof. Dr. Bob Perry ([bperry@csu.edu.au](mailto:bperry@csu.edu.au))

#### ***Current SIG members:***

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## Activities undertaken by the SIG:

### 2014

- SIG meeting at EECERA conference in Crete 2014;
- collated a list of contact addresses to enable participants to pursue points of discussion raised at that meeting;
- started a Google-drive, Facebook-group, and LinkedIn-group to exchange information and documents;

### 2005

- organized two self-organized Symposia for the EECERA conference in Barcelona 2015:
  1. Title: Early Childhood Mathematics  
Chair: *Oliver Thiel*
    - 1.1. Presenter 1: *Kerstin Bäckman*  
Play and Everyday Mathematics in Preschool
    - 1.2. Presenter 2: *Bob Perry*  
Preschool educators working with parents to help children notice their mathematics
    - 1.3. Presenter 3: *Oliver Thiel*  
Early childhood teacher students' beliefs about mathematics
  2. Title: Mathematizing in early childhood  
Chair: *Oliver Thiel*
    - 2.1. Presenter 1: *Liz Dunphy*  
Mathematical Thinking Processes: Supporting Children's Engagement at the Transition to School
    - 2.2. Presenter 2: *Gabriella Gejard*  
Children's and teachers' interaction in mathematical activities in a Swedish preschool
    - 2.3. Presenter 3: *Oliver Thiel*  
A room for mathematics in early childhood

## Planned SIG activity post Barcelona 2015:

- Collate and share papers from SIG members.

## The links and networks established with other institutions and organisations:

We haven't yet established links or networks with other institutions and organisations.

Links to our networks in social-media are:

FACEBOOK: <https://www.facebook.com/groups/1515014682076863/>

LINKEDIN: <https://www.linkedin.com/grp/home?gid=6928873>

GOOGLE-drive:

<https://drive.google.com/folderview?id=0B8xyCbNTmQeWanNyOUtEX19mZHM&usp=sharing>

### **How SIG activities fit with aims and ethos of EECERA:**

In line with EECERA's main principles, the SIG Mathematics Birth to Eight Years provides an academic and rigorous forum at European and international level to develop and disseminate high quality research on early childhood mathematics. It aims to coordinate and disseminate international research on the international discourse in this emerging field. It intends to create a space for shared thinking and for creating synergies between participants from a wide range of professional and scientific contexts to encourage a clearer articulation and understanding of early childhood mathematics.