

Early Career Researcher Day



Program Chair: Prof. Dr. Lianghuo Fan (East China Normal University, China)

Aims and Focuses: The program aims at providing early career researchers with opportunities to develop their research competencies in related fields, establish new contacts, build new networks, and work with and learn from internationally renowned scholars and experts in related fields. It will focus on research conceptualization and methods, writing research proposals and implementing research projects, and research publications.

1. Parallel Workshops: Research Conceptualization and Methodology

July 12, 8:30–12:00 (with Coffee & Tea Break at 10:00–10:30)

8:30 Location: W201

Workshop 1: Qualitative research methodology

Marcelo Borba (São Paulo State University, Brazil)

Liliane Xavier Neves (Universidade Estadual de Santa Cruz, Brazil)

8:30 Location: W215

Workshop 2: Design-based Research

Andreas Stylianides (University of Cambridge, UK)

Gabriel Stylianides (University of Oxford, UK)

8:30 Location: W301

Workshop 3: Mixed Methods

Susan Prediger (TU Dortmund University, Germany)

Kirstin Erath (TU Dortmund University, Germany)

8:30 Location: W315

Workshop 4: Video-based Research

Ida Mok (University of Hong Kong, Hong Kong SAR, China)

Wenjun Zhao (Beijing Normal University, China)

8:30 Location: W203

Workshop 5: Large-scale Assessments

Christian Bokhove (University of Southampton, UK)

8:30 Location: W211

Workshop 6: Naturalistic Paradigm and Ethnographic Methods

Judit Moschkovich (University of California, Santa Cruz, USA)

8:30 Location: W303

Workshop 7: Argumentation Analyses

Christine Knipping (University of Bremen, Germany)

Fiene Bredow (University of Bremen, Germany)

8:30 Location: W313

Workshop 8: Participatory Action Research

Julie Amador (University of Idaho, USA)

8:30 Location: W107

Workshop 9: Methods of Textbook Research

Sebastian Rezat (University of Paderborn, Germany)

2. Plenary Session: Academic Writing and Academic Publishing

July 12, 13:30–15:15

Location: W201

Moderator: Professor Jinfa Cai (University of Delaware, USA)

Description: Presentation of 8 major journals in mathematics education by their editors.

Presentations of Journals & Editors

- 13:30–13:43** **Educational Studies in Mathematics**
Arthur Bakker (Utrecht University, the Netherlands)
David Wagner (University of New Brunswick, Canada)
- 13:43–13:56** **Journal for Research in Mathematics Education**
Patricio Herbst (University of Michigan, USA)
Jinfa Cai (University of Delaware, USA)
- 13:56–14:09** **Journal of Mathematical Behavior**
Carolyn A. Maher (Rutgers University, USA)
Louise Wilkinson (Syracuse University, USA)
- 14:09–14:22** **Journal of Mathematics Teacher Education**
Despina Potari (National and Kapodistrian University of Athens, Greece)
- 14:22–14:35** **Mathematical Thinking and Learning**
Lyn English (Queensland University of Technology, Australia)
Heather Johnson (University of Colorado Denver, USA)
- 14:35–14:48** **Mathematics Education Research Journal**
Peter Grootenboer (Griffith University, Australia)
- 14:48–15:01** **Research in Mathematics Education**
Alf Coles (University of Bristol, UK),
Laura Black (University of Manchester, UK)
Jenni Ingram (University of Oxford, UK)
- 15:01–15:15** **ZDM – Mathematics Education**
Gabriele Kaiser (University of Hamburg, Germany)

3. Parallel Interactive Discussions

July 12, 15:45–16:30

Description: The participants will meet editors of seven major journal (in separate rooms) and have interactive discussions with them.

15:45 Location: W201

Educational Studies in Mathematics

Arthur Bakker (Utrecht University, the Netherlands)

15:45 Location: W215

Journal for Research in Mathematics Education

Jinfa Cai (University of Delaware, USA)

15:45 Location: W301

Journal of Mathematics Teacher Education

Despina Potari (National and Kapodistrian University of Athens, Greece)

15:45 Location: W315

Mathematical Thinking and Learning

Lyn English (Queensland University of Technology, Australia)

15:45 Location: W203

Mathematics Education Research Journal

Peter Grootenboer (Griffith University, Australia)

15:45 Location: W211

Research in Mathematics Education

Jenni Ingram (University of Oxford, UK)

15:45 Location: W303

ZDM – Mathematics Education

Gabriele Kaiser (University of Hamburg, Germany)

4. Panel Discussion

July 12, 16:30–18:00

Location: W201

Moderator: Prof. Lianghuo Fan (East China Normal University, China)

Panelists: Prof. Alan H. Schoenfeld (University of California, Berkeley, USA; 2011 Felix Klein Award)

Prof. Gert Schubring (Bielefeld University, Germany; 2019 Hans Freudenthal Award)

Prof. Anna Sfard (University of Haifa, Israel; 2007 Hans Freudenthal Award)

Description: The three world-renowned scholars in mathematics education, who are all recipients of the Felix Klein or Hans Freudenthal Awards, will share their research and publication work (results, methods, experiences, etc.) with early career researchers, have a dialogue/discussion with the participants, and answer questions specifically about their research work or generally about mathematics education research.

Acknowledgment The program organization team would like to place on record a special thanks to the ICME-14 Advisory Committee: **Lianghuo Fan** (Chair; East China Normal University, China), **Ferdinando Azarello** (University of Torino, Italy), **Jinfa Cai** (University of Delaware, USA), **Bernard Hodgson** (University of Laval, Canada), **Peng Yee Lee** (National Institute of Education, Singapore), **Frederick Leung** (University of Hong Kong, Hong Kong SAR China), and **Anna Sfard** (University of Haifa, Israel), for their recommendations, helps and supports in designing this ERCD program, especially at the early stage.

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