



Friends of Mathematics Education

– A European Initiative –



Program of the Conference

March 14 – 15, 2013

Final version of March 14, 2013

Venue: Deutsche Telekom's Berlin Representative Office, Französische Straße 33 A-C, 10117 Berlin

Phone (to contact the organizers): ++49 172 29 45 983

March 14, 2013

13:00 Registration

14:00 Opening

- Dr. Klaus Kinkel, Chairman Deutsche Telekom Stiftung (DTS)
- Prof. Dr. Dr. h.c. mult. Martin Grötschel, Secretary of the International Mathematical Union (IMU)
- Prof. Dr. Herb Clemens, Secretary for Policy, Commission for Developing Countries (IMU)
- Prof. Dr. Ferdinando Arzarello, President of the International Commission on Mathematical Instruction (ICMI)
- Prof. Dr. Martin Raussen, Vice President of the European Mathematical Society (EMS)

14:40 Plenary lecture *Chair*: Prof. Dr. Ferdinando Arzarello (ICMI)

- *Fields of action for friends of mathematics education* by Prof. Dr. Alan Schoenfeld (University of California at Berkeley)

Discussant: Prof. Dr. Celia Hoyles (London)

15:30 Coffee break

16:00 Presentations and discussions around *Transforming the mathematics teaching profession*; *Chair*: Prof. Dr. Jürg Kramer, President of DMV

- German Center for Mathematics Teacher Education – Dr. Ekkehard Winter (Executive Director, Deutsche Telekom Stiftung)
- Mathematics for America – Dr. John Ewing (Mathematics for America, New York)

Discussant: Prof. Dr. Bengt Johansson (National Center for Mathematics Education NCM, Sweden)

17:15 First reports from some countries *Chair*: Prof. Dr. Günter Törner

- *Centre for the Advancement of Science and Mathematics Education* (Prof. Dr. John Volmink, CASME, South Africa) (prevented)
- *Mathematics Education Research Group of Australasia* (Prof. Dr. Merrilyn Goos, MERGA, Australia)

Discussant: Prof. Dr. Alexey Sossinsky (Independent University of Moscow)

17:50 Short reports I (10 minutes) and discussions

- Vinay Kathotia (The Nuffield Foundation, Great Britain): *The Nuffield Foundation and mathematics education*
- Lynne McClure (Director, NRICH Project, University of Cambridge, Great Britain): *Fifteen plus years of the NRICH project – highs, lows and the bits in between*
- Prof. Dr. Simon Goodchild (University of Agder, Kristiansand, Norway): *Mathematics Teaching Developmental Research in Southern Norway*
- Prof. Dr. Christian Mercat (IREM de Lyon, France): *IREM network in France and the MMI project*
- David Wilgenbus (Educational project manager at La main à la pâte Foundation - Paris, F): *La main à la pâte Foundation* (prevented)
- Thomas Vogt (Public Relation Manager, DMV): *Raising the Awareness in Mathematics in German schools*

19:00 Dinner in the conference building at invitation of Deutsche Telekom Stiftung.

March 15, 2013

08:30 Short reports II (10 minutes) and discussions

- Dr. Paul Drijvers (Freudenthal Institute, Utrecht, The Netherlands): *Friendship between mathematicians and educators, and between public and private in the Netherlands*
- Prof. Dr. Peter Baptist (University of Bayreuth & FIBONACCI, Germany): *Following the Fibonacci Path: On the Organisation of Networks for Improving Teaching and Learning*
- Prof. Johan Thorbiörnson (Royal Institute of Technology, Sweden): *A pragmatic vision for the reduction of drop-out rates at the transition from high school to university*
- Dr. Christoph Kolodziejcki (VolkswagenStiftung, Germany): *Activities of the Volkswagen Foundation in the field of mathematics*
- Dr. Raquel Mallavibarrena Martínez de Castro (Real Sociedad Matemática Española, Spain): *Mathematical Spanish societies and Education*

Discussant: Prof. Dr. Tommy Dreyfus (Tel-Aviv University, Israel)

9:30 Break

10:00 Short reports III (10 minutes) and discussions

- Prof. Dr. Martin Andler (Animath & Université de Versailles St. Quentin, France): *Extracurricular activities in mathematics: a variety of actions for a variety of people – the French experience*
- Prof. Dr. Franco Pastrone (Associazione Subalpina Mathesis, University of Torino, Italia): *The Compagnia di San Paolo and the Fondazione per la Scuola project for the diffusion of Mathematics among students*
- Prof. Dr. Allan Tarp (Haderslev Teacher College, the MATHeCADEMY.net, Denmark): *Golden Learning Opportunities in Preschool Mathematics*
- Prof. Dr. Alexey Sossinsky (Moebius Contest Foundation, Moscow, Russia): *The Contest Foundation – a Russian fund supporting math students*

Discussant: Prof. Dr. Bettina Rösken-Winter (Ruhr-University of Bochum, Germany)

11:00 Coffee break

11:30 Plenary lecture Chair: Prof. Dr. Celia Hoyles

- *Public Understanding of Mathematics and Mathematics Enhancement - some lessons from a study of informal science learning* with a presentation by Prof. Sir John Holman (Senior Education Adviser for The Wellcome Trust, Great Britain)

Discussant: Prof. Dr. Mogens Niss (Roskilde University (RUC), Denmark)

12:30 Next Steps and Concluding remarks

- *What have we learned and where do we go from here?* Prof. Celia Hoyles / Prof. Günter Törner / Dr. Ekkehard Winter.

13:00 Light lunch and asking for comments to us.

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