



Program for Peer Learning Activity of the MST Cluster, May 21–24, 2007  
National Center for Mathematics Education, NCM,  
Göteborg University, Sweden

Monday 21

Morning Arrival, Hotel Gothia Tower, Göteborg

13.00 Welcome and introduction at NCM, Göteborg University

*Bengt Johansson*

The Swedish school system – focusing on mathematics education

*Erik Henriks*

14.00 The suggested program of the Mathematics delegation and reports from recent studies and national commissions of inquiry. What has happened after the Mathematics delegation? *Lars Mouwitz, Anette Jahnke, Bengt Johansson*

16.00 Time for discussion and evaluation

20.00 Welcome Dinner

Tuesday 22

08.00 Departure – by bus (20 minutes drive)

Learning Study in Mathematics – Visiting a compulsory school participating in developmental work in mathematics classrooms in cooperation with researchers

*Ference Marton and teachers at Öjersjö school, Partille municipality*

10.00 Departure – by bus to Chalmers University of Technology (20 minutes drive)

10.30 Visiting Chalmers. Meeting students from lower and upper secondary schools participating in activities for increasing the recruitment of minority students to higher education, creating interest for MST. Started and run by students of engineering

*Intize*

12.00 Lunch. Then departure (by bus) to Borås 60 km from Göteborg

13.30 Visiting, “Navel” (“the Hub”), a Science Center focusing on mathematics

*Lotta Johansson and colleagues*

15.30 Time for discussion and evaluation

16.30 Back to hotel

18.00 A guided tour in downtown Göteborg



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## Wednesday 23

- 09.00 The National Center for Mathematics Education, NCM:
- Websites, Kangourou des mathématiques, journals and literature: NÄMNAREN, N-TEMA, Normat, NOMAD  
*Anders Wallby, Karin Wallby, Ola Helenius and Johan Häggström*
  - Examples of national projects/initiatives for improving mathematics education
    - International perspectives, *Göran Emanuelsson*
    - The Biennial conferences, *Göran Emanuelsson*
    - Small Children's Mathematics, a pre-school project, *Lillemor Emanuelsson*
    - Hands-On Mathematics in teaching and in-service education, *Lena Trygg*
- 12.00 Lunch
- 13.00 Continuing ...
- "Matematikutvecklare" – A national network and initiative for supervisors of mathematics for in-service education and school development at municipality level  
*Elisabeth Rystedt*
  - Transitions from upper-secondary to university, a three-year project  
*Anette Jahnke*
  - Adults and mathematics, a vital subject and The EMMA-project  
*Lars Gustafsson*
  - NCM – a summary  
*Ola Helenius*
- 16.00 Time for discussion and evaluation
- 19.30 Dinner

## Thursday 24

- 09.00
- The Swedish system for teacher training, *Myrna Smitt*
  - The Swedish and Nordic graduate school of mathematics education,  
*Barbro Grevholm*
  - Women and mathematics in Sweden, *Barbro Grevholm*
  - National initiatives at The Swedish National Agency for School Improvement,  
*Anna Engdahl*
- 12.00 Lunch
- 13.00
- Discussions and reflections within the PLA Group
  - Presentations by some of the PLA participants
  - Preparing for the final report
  - Evaluating of the PLA
  - Closing remarks, Farewell, Departure





## List of participants

Erik Henriks, Senior Advisor, The Ministry of Education of Sweden  
Myrna Smitt, Deputy Director, The Ministry of Education of Sweden  
Anna Engdahl, Director of Education, The Swedish National Agency for School Improvement  
Barbro Grevholm, Professor of Mathematics Education at Agder University College, Norway and Kristianstad University, Sweden.

### **Öjersjö school, Partille**

Ference Marton, Professor of pedagogy, Göteborg University  
Johanna Wallinder, grade 1-7 teacher  
Maria Bergqvist, grade 1-7 teacher  
Joakim Magnusson, grade 4-9 teacher  
Henrik Hansson, grade 1-7 teacher  
Ingalill Carlsson, special education teacher  
Tuula Maunula, grade 4-9 teacher  
Christina Echevarria, grade 4-9 teacher  
Tobias Sundin, grade 4-9 teacher

### **Chalmers**

Intize, students of engineering at Chalmers University of Technology and Göteborg University together with lower and upper secondary school students

### **Navet**

Lotta Johansson, Director  
Nina Karlsson, teacher  
Riitta Carlström, teacher  
Anna Gunnarsson, teacher  
Fedoua Beckerman, PhD  
Sara Bagge, Licentiate

### **NCM**

Jesper Boesen, Project leader, PhD  
Göran Emanuelsson, Deputy director, PhD.h.c.  
Lillemor Emanuelsson, Project leader  
Lars Gustafsson, Project leader  
Ola Helenius, Project leader, Editor, Normat, PhD  
Johan Häggström, Editor, Nordic Studies in Mathematics Education, NOMAD  
Anette Jahnke, Project leader, Licentiate  
Bengt Johansson, Director  
Lars Mouwitz, Investigator, PhD



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Elisabeth Rystedt, Project leader  
Lena Trygg, Project leader  
Anders Wallby, Web Editor  
Karin Wallby, Editor NÄMNAREN



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