3rd Nordic EWM Summer School for PhD students in Mathematics

University of Turku, Finland
June 22-27, 2009

http://www.mv.helsinki.fi/home/feragen/ewmturku09/

PhD students in pure mathematics, applied mathematics, mathematical statistics, mathematics education or history of mathematics from the Nordic countries are invited to participate in a summer school in mathematics organized by the European Women in Mathematics (EWM). The summer school is especially aimed at encouraging female students and researchers in their early careers, but we also warmly welcome male students. Students outside the Nordic countries, post-docs or advanced undergraduates thinking of PhD studies are also invited to attend.

The program of the meeting is broad and will be of interest for students working in different research areas. Mini-courses will give an introduction and an overview over three chosen topics of general interest from different areas of mathematics. They will be aimed at all students with a general mathematical background, yet come to touch questions of current research.

Internationally recognized mathematicians will give the mini-courses and special lectures. The participants are invited to contribute to workshops and seminars with their own presentations.

Our goal is to provide a stimulating intellectual environment for female PhD students from different countries and different mathematical specialties to learn new mathematics and meet new colleagues. We expect that much of the long-term benefit of the meeting will come from the personal contacts established and the exchange of ideas taking place during informal discussions. We hope that these contacts will help the forming and development of a network for female PhD students in the Nordic countries and between PhD students and established mathematicians.

The summer school is partially funded by the Finnish Cultural Foundation, Otto A. Malm Foundation, Nokia, Oskar Oflund Foundation, Finnish Centre of Excellence in Analysis and Dynamics Research, and the Turku Centre for Computer Science (TUCS), Finland, in an
attempt to encourage greater participation of women in mathematical research.

Besides the scientific program there will be an opportunity to meet professional female mathematicians for discussions. Several social events and one excursion will be held. The summer school starts at 10 am on Monday, June 22, and ends at 3 pm on Saturday, June 27.

**Scientific program**

A number of well-established mathematicians from different countries will be main speakers in the summer school. They will give three mini-courses and a few more specialized 60-minutes lectures. Ample time will be allowed for participants to share ideas and make new contacts, and informal sessions facilitating such interaction will be encouraged.

The scientific program is planned in collaboration with the Scientific Committee of the *European Mathematical Society (EMS)*. Invited speakers so far include (preliminary, changes possible):

**NUMBER THEORY, ALGEBRA AND APPLICATIONS**

*Eva Bayer-Fluckiger*, Ecole Polytechnique Fédérale de Lausanne, Switzerland

*John Coates*, University of Cambridge, UK

*Kaisa Nyberg*, Helsinki University of Technology, Nokia Research Centre, Finland

*Sujatha Ramadorai*, Chennai Mathematical Institute, India

**ANALYSIS** (more lecturers to be announced)

*Sirkka-Liisa Eriksson*, Tampere University of Technology, Finland

*Maarit Järvenpää*, University of Jyväskylä, Finland

*Ritva Hurri-Syrjänen*, University of Helsinki, Finland

*Stefanie Petermichl*, Universite de Bordeaux 1, France
BIOMATHEMATICS (more lecturers to be announced)

Patsy Haccou, Universiteit Leiden, The Netherlands

David Sumpter, Uppsala University, Sweden

GENDER AND MATHEMATICS

Andrea Blunck, University of Hamburg, Germany

Markku Hannula, University of Tallinn, Estonia, University of Helsinki, Finland

Claudine Hermann, Ecole Polytechnique, Paris, France

Riitta Soro, Loimaa Secondary School, Finland

All participants are strongly encouraged to attend seminars where they will have an opportunity to present their results, research projects or intended research areas. This is an important part of the summer school providing a chance for students to show and exchange ideas in mathematics. Depending on the number of interested participants, we may have to make a selection based on a reviewing process.

Accommodation

We have a preliminary booking for a few low budget beds and rooms at the university guesthouse Villa Hortus. There are also many other options you can choose from. The price ranges from 15 € to 80 € /night/person depending on the facilities. Contact the hotel or guesthouse directly to make your reservation. Please do your booking at your earliest convenience; the summer is very busy in Turku so the rooms can sell out quickly.

If you need assistance (e.g. want to share a room with another participant) or wish to book a room at Villa Hortus, contact Eeva Suvitie at ewm-summer@utu.fi. We have pre-booked the rooms for the invited speakers. Kindly contact Eeva Suvitie in case you are an invited speaker.

We cannot guarantee the stability of the example prices shown below. The hotels are conveniently located with respect to the university and city center, if nothing else is mentioned.
**Hotels**

Omenahotelli (starting from 36 €/night)


Scandin Julia (single room 82 €/night)


Hesehotelli (single room 40 €/night, web page in Finnish)


Centro (starting from 65 €/night)


**Low budget**

Hostel Turku (starting from 14 €/night, 3 km from the university)


Guesthouse Kultainen Turisti (40 €/single room, web page in Finnish)

[http://www.hotellikultainenturisti.com/palaute.html](http://www.hotellikultainenturisti.com/palaute.html)

Bed & Breakfast Tuure (starting from 23 €/night, single room 38 €/night, prices include wireless and computers, kitchen and washing machine are also available free of charge)


Apartment hotel Tapuli (single room 35 €/night)

[http://www.tapulitalo.fi/hinnasto.htm](http://www.tapulitalo.fi/hinnasto.htm)

We do not expect to be able to contribute to travel expenses or accommodation for all
participants. Participants should apply for funding from their own institutions and other sources. However, we hope that we will be able to provide all participants with lunches and dinners.

**Travel information**

Turku can be reached by either plane or train. Train or bus from Helsinki to Turku costs around 50 € (return).

**Student travel grants**

Limited travel grants for students are available to cover partial costs. If you wish to apply for a grant, contact Camilla Hollanti at ewm-summer@utu.fi.

**Social program**

A reception for all participants will be held in the evening on Thursday, June 25.

*****Registration and information *****

Please let us know as early as possible of your interest in attending the summer school, we would like to have a rough idea of how many may be coming (in case there will be more than 50 registrants, we need to book a bigger auditorium).

**Registration deadline: April 1, 2009  (Feb. 10 for early registration)**
**Deadline for contributions: April 15, 2009**

Registration fees:

**Master and graduate students 50 €  (35 € for early registrants)**
**Other participants 75 €  (55 € for early registrants)**

To register or to get more information, please contact Camilla Hollanti at the Department of Mathematics, University of Turku, Finland:

**e-mail: ewm-summer@utu.fi**

**tel: +358-50 33 79 104.**
Organizing committee:

- Camilla Hollanti, TUCS / University of Turku, Finland
- Aasa Feragen, University of Aarhus, Denmark
- Dusanka Perisic, University of Novi Sad, Serbia
- Laura Fainsilber, Chalmers University of Technology, Sweden
- Christin Borge, University of Oslo, Norway

Local committee:

- Camilla Hollanti, TUCS / University of Turku, Finland
- Anne-Maria Ernvall-Hytönen, University of Turku, Finland
- Eeva Suuitie, University of Turku, Finland
- Kaisa Nyberg, Helsinki University of Technology / NRC, Finland

Sponsors

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