

<http://www.math.helsinki.fi/EWM/newsletter.html>



EUROPEAN WOMEN IN MATHEMATICS

Newsletter 13

Edited by
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I. Meeting announcements

EWM: European Women in Mathematics

3-6th September 2007

Cambridge, UK

The 13th general meeting of European Women in Mathematics (EWM), open to members and non-members of EWM, will take place at the Centre for Mathematical Sciences (CMS), University of Cambridge, England, from 3 to 6 September 2007. Accommodation has been arranged at Fitzwilliam College, Cambridge. Many have been amazed and encouraged by the experience of attending an EWM conference, never having previously been part of a group of over 100 women listening intently to a talk on state-of-the-art mathematical research, or had the opportunity to meet and talk to women mathematicians in a variety of fields. The conferences have sparked collaborations, follow-on meetings on related themes and, most importantly, have inspired many women from graduate students to professors as they develop their careers as working mathematicians. Talks at EWM07 will cover a range of mathematical areas. The invited speakers are among the very best in their areas of research, and we hope that there will be something to interest all mathematicians. The speakers so far are expected to include:

Ana Achucarro, Lorenz Institute, Leiden

Toni Beardon OBE Cambridge, UK

Natalia Berloff, DAMTP, Cambridge UK
 Lenore Blum, Carnegie Mellon University, USA
 Simone Gutt, Univ. Libre de Bruxelles
 Eleny Ionel, Stanford, USA

Theoretical Physics

The impact of computers and the internet on globalising mathematics education

Quantum Fluids

Theoretical Computer Science
Symplectic Geometry
Symplectic Geometry

Dusa McDuff, Stonybrook, USA
Cheryl Praeger, University of Western Australia
Vera Sos, Budapest
Ramdorai Sujatha, Tata Institute, Mumbai

Symplectic Geometry
Group Theory
Combinatorics
Number Theory

In addition there will be splinter sessions devoted to short talks and posters, and PhD students and younger staff are particularly encouraged to volunteer to speak. There will also be a session on mathematical education in the developing world, led by Toni Beardon who is currently developing exciting projects in Africa, and a discussion on the role and future of EWM. A conference banquet has been arranged at Trinity College, Cambridge on Wednesday 5th September, and there will also be receptions at Newnham College and at the Master's Lodge, Trinity College on other evenings. Participants will also have the chance to go on a punting trip on the river in Cambridge.

* * *

II. Other Contributions

EWM in ICM2006

August 22-30, 2006, Madrid, Spain

By

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Every fourth year mathematicians around the world gather to the International Congress of Mathematicians (ICM). The 2002 meeting was organized in Beijing and in 2006 the congress took place in Madrid with more than 4,500 participants. On the opening day the Fields Medals, the Nevanlinna Prize and the Gauss Prize were awarded by the King of Spain. No woman has been a candidate for any of these prizes since the beginning of ICM in 1897.

To balance the male dominance in ICM, the Association for Women in Mathematics (AWM) has traditionally organized the Emmy Noether Lecture as well as a session or a panel discussion about issues concerning women in mathematics. This year the lecture was given by Yvonne Choquet-Bruhat from Académie des Sciences, France. The panel was organized and moderated by Bettye Anne Case from the Florida State University, USA. She had gathered 8 panelists to talk on the topic "Moving (Mostly) Forward: Women in Mathematics."

The speakers of the panel were

- Sofia Castro, Portugal
- Bryna Kra, USA
- Marjo Lipponen, Finland
- Eddy Pariguan, Venezuela
- Sylvie Paycha, France
- Zahra Afsharjad, Iran
- Linda Rothschild, USA
- Chuu-Lian Terng, USA

Each panelist talked about her personal experiences and about the situation of women mathematicians in their own country in general level. For example, Sylvie Paycha showed interesting statistics about the difference between the situation of women in France and Germany while Zahra Afsharjad amazed the audience how she had navigated through difficult conditions in her life and still maintained her passion to mathematics. After the official discussion the audience took the chance to tell about their experiences and to pose questions for the speakers.



From left: Sofia Castro, Bryna Kra, Marjo Lipponen, Eddy Pariguan, Sylvie Paycha, Zahra Afsharjad and Linda Rothschild. Chuu-Lian Terng is just out of the photo.

Capi Corrales presented the film “Women and Mathematics across Cultures” in a special session. The audience showed great interest in the film. EWM Secretary Paula Steinby (in the picture) and the Finnish Coordinator Camilla Hollanti took this opportunity to advertise EWM by handing out brochures and selling EWM tank tops.



Some other interesting happenings during the congress were a special lecture on fractals by Benoît Mandelbrot and exhibitions Fractal Art, The Life of Numbers and the ICM through History. Outside the conference building Keizo Ushio completed a sculpture during ICM2006. He is famous for his manipulation of the Mobius Strip, typically known as a one-sided, one-edged surface, which is notoriously difficult to create with materials of great weight and density.

Some Information on Gender Activity in Azerbaijan

By

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In the first decade of 2007 within the framework of the accepted new Law of the Azerbaijan Republic < On maintenance of gender (man and female) equality > the trainings have been carried out by the Center of Gender Research in Baku for the staff of pedagogical faculties of high schools of republic, and later in regions for Nakhchivan and Gandga State Universities.

In April 2007 the scientific conference < Role of Gender |Research in maintenance of steady development > has been carried out. For conference participants the book exhibition of the newest literature on gender, issued as in Azerbaijan and abroad, has been organized. The conference materials were issued and will be directed to all interested organizations. The presentation of the two volume articles collection <"Introduction to Gender Science" has made at the conference.

Since January 2006 to present, on the basis of the Western University for young researchers, students and master students the cycle of activities " On a way to gender equality: gender and morals > is taking place on the monthly basis. These activities are organized in the form of meetings, seminars, debates, round tables, focus groups discussions. The politicians, leading experts, scientists are involved in participation in those activities.

The Summer School <"Gender and Education" will be organized in 2007 in order to increase the skills of young researchers, the gender sensitivity of high school students of Azerbaijan, for integration of gender into their scientific research. The conference materials will be published and directed to high schools for use.

All published materials are issued in 2 languages (Azeri and English) and placed on web- sites of the Western University and the Azerbaijan Gender Information Centre.

Since 2007_r, the monitoring will trace changes of gender distinctions, and also on the basis of gender statistics all positive and negative changes (qualitative and quantitative indicators) for attraction of attention of the persons determining and providing a policy in the field of gender equality.

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III. Publications of interest

The Siberian Branch of the Russian Academy of Sciences

By

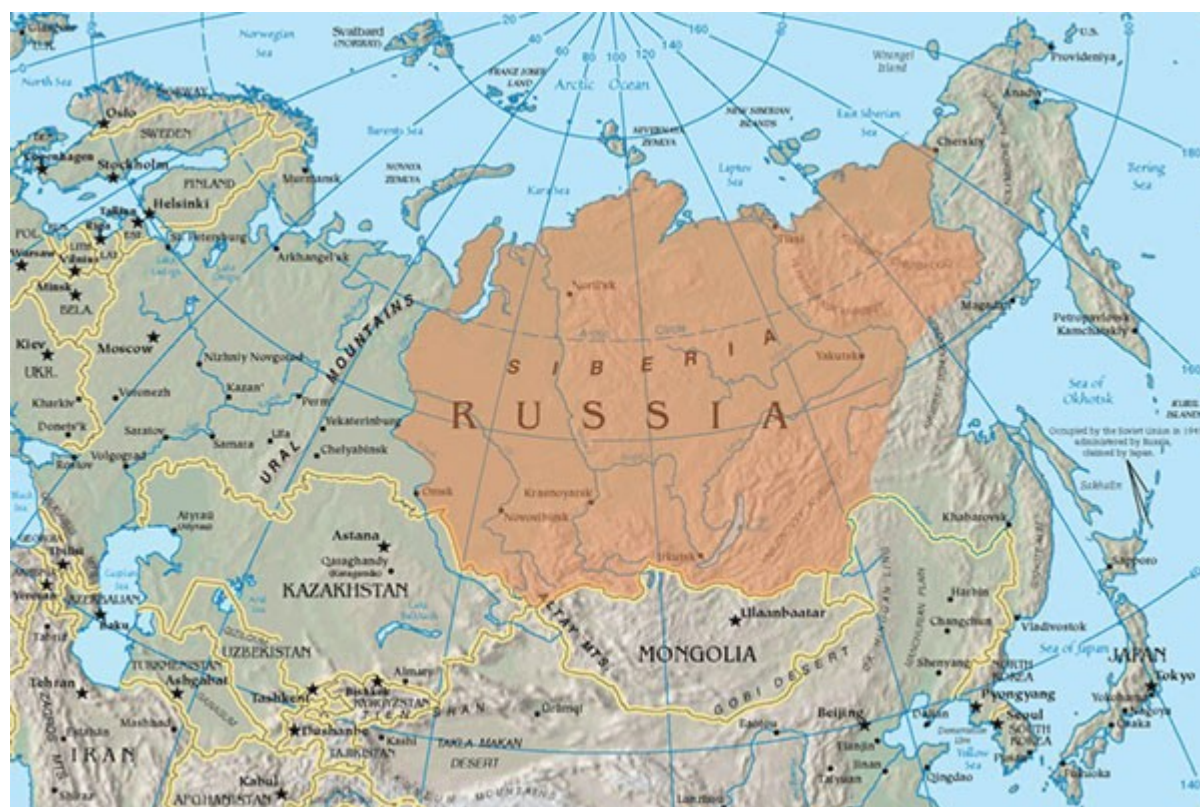
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The Siberian branch of the Russian Academy of Sciences marks its 50th anniversary June 8. Over 300 scientific forums and conferences will be held in Novosibirsk involving prominent scientists from in and out side Russia. An exhibition will display great achievements by Siberian scientists, and the talented young scientists will be awarded the Golden Sigma medal. The Lavrentiev and Koptyug Prize awarding ceremony is in the programme of the ceremony.

Siberian Branch of RAS was established in 1957. The initiative originated from Mikhail Lavrentyev, Sergei Sobolev and Sergei Khristianovich. Mikhail Lavrentyev became its founding chairman. The Siberian Branch incorporates the organizations of the Russian Academy of Science located in Siberia.



The organizations within the Siberian branch include fundamental and applied research institutions and production facilities of the Russian Academy of Sciences and service departments that support the infrastructure of research centers established in multiple locations all over the territory of Siberia.

Research centers are established in Novosibirsk, Tomsk, Krasnoyarsk, Irkutsk, Yakutsk, Ulan-Ude, Kemerovo, Tyumen, and Omsk, individual research institutions are located in Barnaul, Chita, and Kyzyl. The Siberian Branch encompasses 74 research institutions and 13 design bureaus working in different areas of physical, mathematical, chemical, and biological sciences, Earth sciences, humanities and economical science (see the searchable database). The central location of the Siberian Branch is Novosibirsk.

The Siberian Branch has 33051 employees (according to the data from 01.01.2005). Of the above 24933 work in research institutions, 1909 work in scientific services and 6209 work in other services. There are 9117 researchers, of whom 58 are members of the Russian Academy of Sciences, and 72 are corresponding members, 1685 hold the degree of Doctor of Sciences and 4698 hold the degree of Candidate of Sciences.

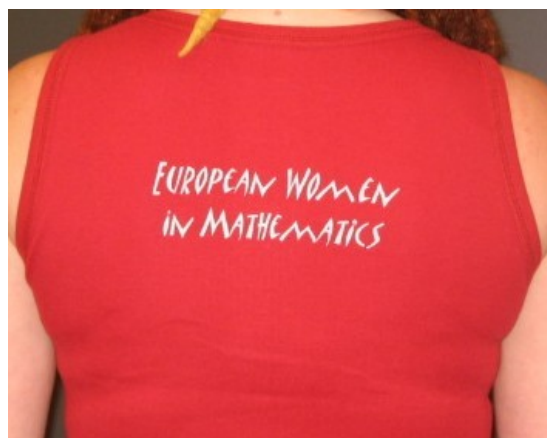
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IV. Announcements

EWM tops and t-shirts now available!

The Finnish EWM team has designed t-shirts and tops for promoting EWM. Purchase your own shirt in the EWM Meeting in Cambridge or email to Camilla Hollanti (camilla.hollanti@utu.fi) to make your request.

Shirts come in seven colours, three sizes (S, M, L) and three shapes. There is a text " α -female" in front and "European Women in Mathematics" in back.



See more pictures at <http://www.math.helsinki.fi/EWM/info/shirts.html> .

To cover the expenses, the price is 20 euros including the postage fee.

Special Offer:

Pay the standard membership fee for two years (40 €) and get a free shirt!

V. Useful e-mail addresses and links

EWM addresses and links

EWM web page: <http://www.math.helsinki.fi/EWM>

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