A pictorial history of EWM

By Bodil Branner and Caroline Series

Presented at EWM General Meeting at Barcelona, September 2011.

> Updated by Marie-Françoise Roy, 5 th Summer School in Trieste, 2013



European Women in Mathematics

EWM European Women in Mathematics

- Founded in 1986 to support, encourage and bring together women mathematicians across Europe
- Membership organisation open to all
- Organises biennial general meetings and other local or specialist conferences
- Has members and 32 coordinators in 27 countries
- Has email net, newsletter and website





EWM Aims

- to encourage women to study mathematics.
- to support women in their careers.
- to provide a meeting place for like-minded people.
 to promote scientific communication.
- to cooperate with groups and organizations with similar goals.



Ingrid Daubechies EMS Lecturer EWM Meeting, Novi Sad 2009



Current Convenor Marie-Françoise Roy

European Women in Mathematics 2007

Centre for Mathematical Sciences, Cambridge, UK 3rd to 6th September 2007 www.maths.cam.ac.uk/ewm ewm07@maths.cam.ac.uk

Plenary Speakers

Ana Achuzarro, Lorenz Institute, Leiden: Theoretical Thysics Toris Fearden, Cambridge: Glabulisation and Mathematics Education Natalia Berlott, Cambridge: Quantum Huids Lemone Blues, Camogle Mellon: Theoretical Computer Science Simone Gitt, Univ. Libre de Branelles: Systepleche Geometry Geory Isual: Staniford: Symplectic Geometry Dasa McDett, SUNY Stony Breek, Symplectic Geometry Cheryl Praeger, University of Western Australia: Group Theory Vira Sas, Budapest: Combinatories Randona Sujatha, Tata Institute, Macribal: Number Theory

Chiefe 2022 of the Edit General Meeting of Party an eliment in Methomatics Just Maile information about FWM, we users math helandsi (CFAD

Programme

Pleasing talks Sightfor and power sessions Receptions at Neventure and Trinity Colleges Characteres on the role and future of EWM. Conference bacquet at Trinity College Participies the More Cain Accommodation at Future Illiam College

Sponsors

Cambridge UK September 3-6, 2007

Biennial general meetings

Novi Sad, Serbia. August 2009



Biennial Meetings

Paris 1986 Copenhagen 1987 Warwick, UK, 1988 Lisbon 1991 Warsaw 1993 Madrid 1995 Marseille, France, 1995 Trieste, Italie, 1997

Loccum, Germany 1999 Malta 2001 Marseille, France 2003 Volgograd, Russia 2005 Cambridge, UK 2007 Novi Sad, Serbia 2009 Barcelona, Spain 2011 Bonn (Germany) 2013



International Conference of Women Mathematicians



University of Hyderabad, India http://www.icwmass.org.in mp://www.icons.org.in

Other EWM activities

Summer Schools



2011/1

EUM

25th Anniversary

MATHEMATICS

Newsletter 18

Newsletter

Congresses

The beginning

۰.,

EWM began at the International Congress of Mathematicians in Berkeley, August 1986.

OBDANIZED BY THE

Association for Women in Mathematics

Panel

WOMEN IN MATHEMATICS:

AN INTERNATIONAL PERSPECTIVE

EIGHT YEARS LATER

International Congress of Mathematicians University of California. Berkeley

Medneodey, August 6

7:30 -- 0:30 p.m.

in

Physical Science Lecture Hall

Participants Include:

	Josefina Alvarez-Alcono (Argentina) Lenore Blue (USA), Moderator	
	Sodil Branner (Denmark)	
	Marie-Francoise Coste-Roy (France)	
	Gudrun Kalabach (Federal Republic of	Germany5
	Bokunola Geibodu (Sigeria)	
	Maria Jose Pacifico (Brazil)	
	fielde Sakasete (Japan)	
Denter	Jenny Seberry (Australia)	
in dela tra	Caroline Series (Englant)	

There will be a RECEPTION immediately following the Panel Discussion.

If you are interested in more information about AMM while attending the Conference, please feel free to talk to Linda Keen the President, Bettys Anne Case the Meetings Chair or any maber of the Local Arrangements Committee: Lentre Blue, Liss Soldierg. and Evelyn Silvia and Silvia Interest.

> ASSOCIATION FOR WOMEN IN NATHEMATICS Box 170, Heliseley College Wellesley, Massachusetts 02101

EUROPEAN BRANCH OF THE ASSOCIATION FOR WOMEN IN MATHEMATICS

At the International Congress in Berkeley this summer, the AWM organised a panel discussion on the situation of women mathematicians worldwide. A full account of the meeting is to be found in the September AWM newsletter, obtainable from AWM, Box 178, Wellestey College, Wellesley, MA 02181, U.S.A. As a result of that meeting, it was decided to form a European branch of AWM,

A preliminary working meeting to discuss the form which this organisation should take will be held in Paris, on December 13th-14th 1986. Anyone who would like to participate in this meeting, or who has suggestions relating to the organisation, or who would be interested in joining or receiving future mailings should contact either Caroline Series, Mathematics Institute, Warwick University, Coventry CV4 7AL or Done Strauss, Department of Mathematics, University of Hull, Newland Park, Hull HUS 2DW.

The next steps

EUROPEAN WOMEN IN MATHEMATICS

Detailed solvest of the second animal

EWNI MEETING

December 13-15, 1987, Copenhages (Longton)

BHILF REPORT ON THE

EWM MEETING

DECEMBER 12/13, 1987, COPENHAGEN

The second meeting of the European Women in Mathematics was attended by 22 participants from time countries and reports were given about the situation in each manyley.

A detailed report will be written by Catherine Goldstein, Dept. de Mark., Univ. de Paris XI, F-91405 ORSAY, Codex. It will be distributed by Marion Minherley, Goldsmiths' College, Lewishan Way, LONDON SE14 SvW, Regiond. Marion also has a list of the national coordinators.

Imput Pieze from Only Universitet gave an invited address on "Some differential-geometric sepects of algebraic geometry". Several committees have been formed for special issues. The next sectings are planned for

> Warwick, England, November/Documber 1988 Lisbon, Portugal, 1989 and provisionally for 1995, Ross, Italy.

The secting was partially supported by the Danish Ministry of Education, the Danish Natural Science Research Council, the Danish Social Science Research Council, the Otio Ministed Foundation, private donations and the Technical University of Decasark.

Kalmbech

Unalle leme

(C. Kelmbach)

(Marketa Novak)

Copenhagen December 1987 22 women from 9 countries

Universität Ulm Assalars för Harbarrath II Prof. 7+. 6. Kalmulach

> 0-7900 Ulan, dan MA-0, 11, 13.86 Otamir Exercitors P. 0735 176 - 2828

Dear Carolice.

this is our second circular letter concerning our first meeting of the A. W. M., Suropean Branch, D. will be in

Peris, Institut Beari Paincaré (IDP), Bur Piere et Marie Curie (sear the Lucemburg) December 13, (Saturday) 1 pm to December 14, 1 pm

If you did not write to no up to now: please return the attached form if you want to attend the meeting. Everyone should make her own hotel reservation. The tentative achedule or:

Dec. 12: I - 1:85 pm Hodil Brunner "Hermition of Complex Polynomials" 2 - 2:45 pm Gudrun Kalmbach "Measures and Orthomodular Spaces" 3 - 6:30 pm General Meeting

Det. 14: 15 - 10(45 an Marie-Francoise Costs-Roy "Les Rooke Normales Supérieure of Bas d'Ubs and of Sévres" 11 - 1 pm General Meeting.

Specific topics for the discussion (to be completed) and general meeting are: (a) The future of scientific education for girls.

- (b) Why do exact; take a longer time than new to optime self-confidence? (Michelle Schatzman)
- (c) Discussion on the french "competative enumination", (M.-F. Coste-Rey)
- (d) Discussion on an "Foregreen Historic" for the European Branch of A. W. M., 05. Kalmbach)
- (a) Vote for a complited chair, viocchair, transver, secretary, Volunteers until new are: R. Branner (Denmark), M.-F. Coste-Bay (France), G. Kalmbach (W-Germany), D. Strand (England).

On behalf of the temporary conmittee, sinterely yours,

Gerdam Kalmback

(Gudrue Kalshach)

Paris December 1986 At least 10 women from at least 5 countries

Second Assessment

Third Annual Meeting of European Woman in Mathematics.

Watwick University, Covenity, England,

Department 1078 - 1228, 1988.

The programme will consist ial.

40 Expandency fails

The thrid day of the continence (Monday) will take the lower of an apen mathematical meeting. There will be takes or research mathematical given by women prominent in their fields.

60 Meeting for local schoolpiels.

On the fundey attension fifth and soch form gate from herd schools will be invited to attend the meeting. There will be a mathematical talk followed by tes and general discussion.

Anii Grannel Discourine Family server server This these was selected as a social of coursebulating derived as the last annual meeting in Copichages.

the Desinant Mortings for EWM. These will be to discuss the possibilities for future action and various regatilestional and constitutional questions.

not factual events. An evening out for a need will be organized on Scotlay.

More details of the progressible and a seport on the last around making are available on require from the organisers Gaudi Bass and Caroline Series at the Mathematics Justinuit, University of Marwick, Covariay,

Warwick December 1988

43 women from 13 countries ELEROPERAL CONFERENCE of WOMEN in MATHEMATICS



10-12 DECEMBER 1988

UNIVERSITY of WARWICK

ENGLAND





EUROPEAN WOMEN IN MATHEMATICS _

This organisation is an affiliation of women in Europe bound by a common interest in the position of women in mathematics. We are a sister organisation of the American Association for Women in Mathematics. Our purposes are:

To encourage women and girls to take up and continue their studies in mathematics.

To support women with or desiring cantors in mathematics or mathematics related fields.

To provide a meeting place for these warners.

To promote equal opportunity and equal treatment of scores in the mathematical community.

To cooperate with groups and organisations, in Europe and absorbere, with similar goals.

Our organisation was conceived at the International Congress of Mathematicians in Berkeley, August 1986, as a result of a panel discussion organised by the Association fue Worsen in Mathematics, in which several European women mathematicians took part. There have since been three European moetings, the first in Paris in December 1986, the second in Copenhagen in December 1987, and the third in Harwick (England) in December 1988. The Joseth meeting will take place in Lisbon in December 1989. The fifth meeting is provisionally planeed for Italy in 1990.

At the time of writing, there are participating members in the following countries: Denmark, Finland, France, Greece, Italy, Netherlands, Norway, Poland, Portagal, Spain, Sweden, Switserland, United Kindow, West Germany, and contacts in Coethoslowakia and Hungary. Activities and publicity within each country are organised by national co-ordinators. Each country or region is free to form its own regional or national organisation, taking whatever regarisational or logal form is appropriate to the local circumstances. Such organisations already exist in France (Peremes et Mathémetiques), Scandinavia (The Nordie Geoup) and at Warwick University, England (Narwick Warsen in Mathematics). Details of the activities of these groups can be observed directly from their organizers. Other members are encouraged to emotion the possibility of forming such local, regional or national groups themedives.

For Arthur information please overtex your national re-ordinatax or the general re-ordinator De-Marion Konburley, National Heast and Lung Institute, Dovebouas Store, London SWI 6LY, England, Tal 05-202-9122 oxt.2017.

Getting organised



Between 1987 and 1991 we set up our basic structure of convenor, standing committee and regional co-ordinators. By 1993 we had established an office in Helsinki and were registered as a legal organisation in Finland ... as the EMS had been in 1990.

Luminy December 1991

Getting publicity and having fun!



What do we want from a maths talk?

Elles préfèrent les maths

CONFÉRENCE JUSQU'AU 13 DÉCEMBRE

SOCIE

Ni oliannes naves, ni phimornèmes de la nature. Elles ons fait des motes leur parsion et leur vie professionnelle. Elles sons actuellement une companyine de modelmaticien nemes de l'Europe entière, ou compas de Laminy, pour addeche sur le thême Tes fermenes et les mathématiques , Yasse rojet. division.



100100 Street Press

Aug 12

Les Fennes

grand hote

with the



démantelée

TRAFIC DE VOITURES La filière des allemandes

Dear colleague,

As you know, our program in Luminy will include a discussion on mathematical talks: what we want from them, what they are really used for and how to change them. In order to make our discussion more constructive, we suggest that future participants think over these questions before December, 1991; we have therefore prepared a little greationnaire about talks which we hope may help you define your needs and your thoughts on certain points. Please try to till it out at some taks you may attend (different types of talks and seminars could inspire different answers, so don't hesitate to fail it out several times on separate pieces of paper). We would like to receive your enswore (and commentaries) before the end of October, 1991

The organizers

Statistics

In 1991 Eva Bayer suggested that the EMS set up a Women in Maths committee. With EWM's help, they collected statistics about women mathematicians across Europe.





EWM continued with a main meeting every two years and other events between.





Paris 1996 - Workshop organized jointly between EWM and f&m (Femmes et Maths)

Madrid 1995 46 women from 14 countries During the Madrid meeting a video was filmed on the initiative of Marjatta Näätänen The WiM committee of EMS organised a round table discussion at the second European Congress of Mathematics in Budapest 1996

Women and Mathematics across Cultures

EWM - European Women in Mathematics



EWM, Department of Mathematics, P.O. Box 4, 00014 University of Helsinki, Finland



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Hillynay = Grus

-Z - Journal

The round table discussion was focused on Women and Mathematics across Cultures.

First EWM video Also exists on DVD



Hilb(m) = Grus

Women and Mathematics across Cultures

EWM - European Women in Mathematics

A video made by European Women in Mathematics.

Why are there many more women mathematicians in Italy and Brazil than in Norway, England or Germany? What is it about Latin culture that encourages women mathematicians, while that of Northern Europe mitigates against them?

Mathematics is a universal and cross-cultural discipline; European Women in Mathematics is the organisation which supports women mathematicians right across Europe. Gathering statistics and comparing experiences raises many fascinating and unexpected questions about the effects of traditional cultural values on women's role in the modern world.

This video explores the impact of cultural differences on the female condition by allowing four women mathematicians who have studied and worked in Europe and North and South America to tell their stories.

Following a five minute introduction to EWM, including some surprising statistics about women mathematicians in Europe, the four women recount their personal experiences.

This thought-provoking video should stimulate a novel dis cussion about the impact of cultural influences on the status of women, with implications extending well beyond the world of mathematics.

Length: 25 minutes. Directed by Marjatta Näätänen in collaboration with Bodil Branner, Kari Hag and Caroline Series, 1996.

http://www.math.helsinki.fi/EWM

International Centre for Theoretical Physics Trieste, Italy, 12-17 December 1997



Trieste 1997 98 women from 30 countries (150 applicants)

Most European countries as well as Chile, Egypt, India, Iran, Kyrgystan, Nepal, Tunisia, Uzbekistan, the West Bank

The ICTP supported fully three women from developing countries to participate in the EWM meeting and to stay ICTP as visitors for two months. In 1994 we set up an email net and in 1997 we announced a web page!



Loccum 1999 50 women from 13 countries

Michele Vergne EMS Lecturer 2001, Malta

Malta 2001 76 participants from 21 countries and 4 continents





Cambridge 2007 85 women from 25 countries Collaboration with the EMS Women in Maths Committee

Following the Cambridge meeting we worked with the EMS Women in Maths committee to set up a group of leading women mathematicians to advise on scientific programmes and speakers for EWM meetings and other related events. We are co-ordinating about our web presence and other matters.

EMS-EWM joint scientific committee See current list on http://www.europeanwomeninmaths.org/about-us/organization





In 2009 we had a wonderful meeting in Novi Sad, Serbia. 70 women from 25 countries came.

Ingrid Dabechies 2009 EMS lecturer gave 3 of her lectures at our conference.

All lectures were filmed and there is an EWM promo video on YouTube.



Our new website (2012)

Fichler Edition Affichage Historique Marque-pages Outils Aide

🚰 European Women in Mathema.... 💠

I di www.europeanwomeninmaths.org

European Women in Mathematics activities home about us women in math resources contact us about activities Become member lóg m conferences summer schools next conferences ewm associa meetings in countries O The 16'th General meeting of European Women in Mathematics is an international association of women working in the field of EWM. mathematics in Europe.

Founded in 1986, EWM has several hundred members and coordinators in over 30 European countries. Every other year, EWM holds a general meeting and a summer school. A newsletter is published at least twice a year, EWM has a website and an e-mail network.

Several videos have been produced by EWM, such as Women in Mathematics Movie Part I, Part II and Part III.

If you want to join us, register here. Once you are registered, you can pay your fees, details here.

It is also possible to make a donation without becoming member, details here.

If you notice typos, omissions, or mistakes contact us.

Donate

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Q 🕹 🟠

activition

2013

ICTP summer school 5th Women in Math summer school

EWM general meeting in Bonn 2-6 september

One of the main pleasures we have had from EWM has been working with and getting to know so many wonderful women from so many different places and backgrounds. It has been enormous fun and has formed a wonderful and rich backdrop to our mathematical lives.

We are always pleased when people want to get more involved.

EWM can't survive without the active involvement of its members. EWM is what we make it!

If you would like to be more involved in the organisation in any way or to share your ideas, do let us know!