

# Redressing the Gender Balance in Mathematics: Strategies and Outcomes

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Panel organised by  
*EMS Women in Maths Committee* and  
*European Women in Mathematics (EWM)*

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Moderator: Professor Caroline Series  
University of Warwick  
*Chair: EMS Women in Maths Committee*



# Panellists

- **Professor Marja Makarow** (University of Helsinki, Finland)  
Chief Executive of the European Science Foundation 2008-2011  
[Does a research career in mathematics attract women?](#)
- **Professor Marie-Françoise Roy** (Université de Rennes, France)  
Convenor, EWM  
[Women mathematicians in France and Germany in the last 25 years](#)
- **Professor Kari Hag** (NTNU, Trondheim, Norway)  
[Scandinavian initiatives for women mathematicians](#)
- **Dr Penny Bidgood** (Kingston University, UK)  
Chair, Committee of Women in Statistics  
[Women in statistics](#)
- **Dr Christie Marr** (Cambridge, UK)  
Deputy Director, The Isaac Newton Institute  
[The Newton Institute gender balance initiative](#)

# European organisations for women mathematicians

European Women in Mathematics (EWM)

1986

EMS Women in Maths Committee

1991

EMS-EWM Joint Scientific Committee 2008

Organisations in individual countries, for example:

- Mujeres y Matemáticas. Comisión de la Real Sociedad Matemática Española
- *femmes & mathématiques*

# EWM

## European Women in Mathematics

<http://europeanwomeninmaths.org/>

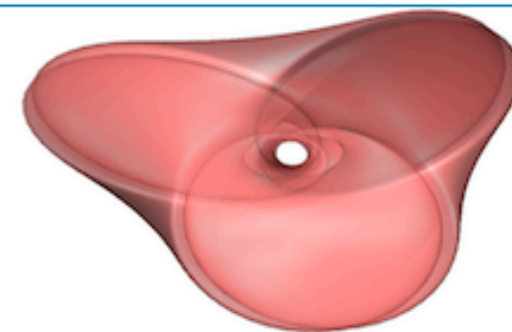


- An international association of women working in mathematics in Europe. Membership open to all.
- Coordinators in over 30 countries.
- A biennial general meeting and summer school.
- Newsletter and email net.





European Women  
in Mathematics



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[become member](#)



## ewm association

**WARNING (16 june 2012): EWM new website is in progress. If you notice typos, omissions, or mistakes [contact us](#).**

European Women in Mathematics is an international association of women working in the field of 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](#).*

## activities

[see all activities](#)

[ems/ewm survey lectures](#)

## next conferences

[EMS/EWM Survey Lectures](#)

## next summer schools

[Women in Mathematics Summer School, ICTP, 2013](#)

## next meetings

[Second Danish EWM Meeting for Women in Mathematics 2012](#)

[12th Forum of Young Women Mathematicians](#)

## support us

[Donate](#)



EWM

NEW

WEB

SITE

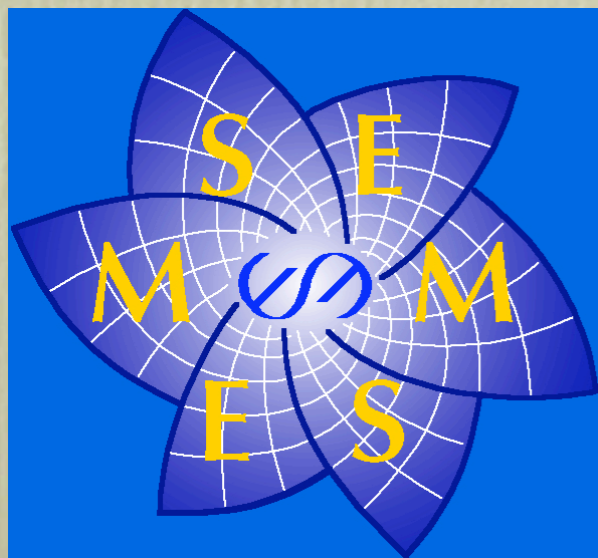
# EMS

## Women in Maths Committee

**Remit:** To address issues relating to the involvements, retention and progression of women in mathematics, and to promote the recognition of the achievements of women mathematicians.

### Activities:

- Collects statistics on women mathematicians
- Organises WiM meetings before EMS/International Congresses
- Liason between EMS and other organisations for women mathematicians, especially EWM
- Created joint EMS/EWM Scientific Committee
- Recent report on national WiM organisations in Europe



# EMS WiM Committee

## Current members

### **Chair:**

- **Caroline Series** (U. of Warwick, UK)

### **Vice Chair:**

- **Sylvie Paycha** (Potsdam, Germany)

### **Other Members:**

- **Bodil Branner** (Technical Univ. of Denmark, Copenhagen, Denmark)
- **Lisbeth Fajstrup** (Aalborg, Denmark)
- **Elena Fernández** (U. Politécnica de Cataluña, Barcelona, Spain)
- **Christine Bessenrodt** (Hannover, Germany)
- **Dušanka Perišić** (U. Novi Sad, Serbia)
- **Alice Rogers** (Kings College, London, UK)

# EMS-EMS Women in Mathematics Joint Scientific Committee

Committee of leading women mathematicians to advise on scientific programmes and speakers for EWM meetings and other related events.

## *Current Membership*

- Isabelle Gallagher (Paris) Chair
- Viviane Baladi (ENS, Paris)
- Eva Bayer-Fluckiger (Lausanne)
- Christine Bessenrodt (Hannover)
- Alessandra Celletti (Rome)
- Cornelia Drutu (Oxford)
- Sara van de Geer (Zürich)
- Antonella Grassi (U. Penn, USA)
- Ursula Hamenstädt (Bonn)
- Dusa McDuff (Columbia U., USA)
- Ragni Piene (Oslo)
- Ulrike Tillmann (Oxford)



# National organisations: Committees of national societies

## Mujeres y Matemáticas, La Real Sociedad Matemática Española

<http://mym.rsme.es/>

The screenshot shows the website 'Mujeres y Matemáticas' (Women and Mathematics) of the Real Spanish Mathematical Society. The header features the logo 'MM' and the text 'Mujeres y Matemáticas' on the left, and the logo of the 'Comisión de la Real Sociedad Matemática Española' on the right, along with a search bar labeled 'Buscar'. Below the header is a gallery of portraits of women mathematicians, with 'Sofía Kovalévskaya' highlighted. A quote by Carl Friedrich Gauss is displayed: "[...] cuando una mujer, debido a su sexo, a nuestras costumbres y prejuicios, encuentra obstáculos infinitamente mayores que los hombres para familiarizarse con esos complejos problemas, y sin embargo supera estas trabas y socava en lo más profundo, indudablemente tiene el más noble de los valores, un talento extraordinario y un genio superior." Below the gallery is a 'Menú principal' (Main menu) with links to Inicio, Comisión, Declaración, Estadísticas, Documentos, Publicaciones y materiales, Enlaces, and Agradecimientos. The main content area features a section titled 'Datos de la XLVII Olimpiada Matemática' (Data of the XLVII Mathematical Olympiad) dated November 9, 2011, which includes a graphic and text about the competition's gender perspective. Below this is a 'Homenaje a María Wonenburger' (Homage to María Wonenburger) dated November 9, 2011, with a photo of her. On the right side, there is a video player titled '01. Mujeres Matemáticas a través de la Historia' (01. Women Mathematics through History) from 'cavendishexp' on Vimeo. A 'Destacados' (Featured) section lists items like 'El matrimonio Young', 'Victoria Martín: La reina del equipo de Matemáticas', and 'Ciencia desigual'.

# Independent national membership organisations

femmes & mathématiques, France

www.femmes-et-maths.fr/

The screenshot shows the homepage of the website 'femmes & mathématiques'. At the top left is a red sun-like logo. The title 'femmes & mathématiques' is in large white font on a dark background. To the right is an RSS button and a search bar with the text 'chercher...'. Below the title is a navigation menu with items: 'Accueil', 'Actions second degré', 'Adhésion-contact', 'Forum des jeunes mathématicien-ne-s', and 'Nous sommes...'. Below the menu is a 'Partenaires' button.

The main content area features two blog posts. The first post is dated 'juin 02 2012' and titled 'Conférence : « La place des Femmes Ingénieurs dans les CA »'. It is categorized as 'Autres manifestations' and posted by 'Ibroze' at 20 h 14 min. The text of the post describes a conference organized by the Comité Diversité, Mixité, Parité, du CNISF, on Thursday, June 14, 2012, at 18h00, at the 'Ingénieurs et Scientifiques de France' in Paris. The conference is free, and more information is available at a link labeled 'ici'. There is one comment for this post.

The second post is dated 'avr 24 2012' and titled '12ème forum des jeunes mathématicien-ne-s'. It is categorized as 'Nos rencontres' and posted by 'Ibroze' at 16 h 23 min. The text states that the 12th forum will take place from November 12 to 14, 2012, in Paris at the IHP. The theme for 2012 is 'Algèbre et géométries'. The post mentions that proposals for communications in all mathematical specialties are welcome, with a preference for forum themes. A link is provided to view the dedicated forum page.

On the right side of the page, there are two sections: 'Pages' and 'Blogoliste'. The 'Pages' section lists: 'Actions second degré', 'Adhésion-contact', 'Forum des jeunes mathématicien-ne-s', 'Nous sommes...', and 'Partenaires'. The 'Blogoliste' section lists: 'Documentation', 'Plugins', 'Suggest Ideas', 'Support Forum', 'Themes', 'WordPress Blog', and 'WordPress Planet'. Below these is a 'Catégories' section listing: 'Actions', 'Actualités', 'Autres manifestations', 'Interventions officielles', 'Non classé', 'Nos rencontres', 'Publications de l'association', 'Publications en partenariat', 'Recherche PICRI', and 'Statistiques'.

# National government initiatives

Athena Swan Charter for Women in Science, UK

[www.athenaswan.org.uk](http://www.athenaswan.org.uk)



[About the Charter](#) | [Membership](#) | [Awards](#) | [Impact](#) | [Good practice](#) | [News](#) | [About us](#) | [Events](#) | [Links](#)

## Athena Swan

The Athena SWAN Charter recognises and celebrates good employment practice for women working in science, engineering and technology (SET) in higher education and research.

Any university or research institution which is committed to the advancement of the careers of women in SET in higher education and research can apply for **membership**.

### Contact us:

E: [athenaswan@ecu.ac.uk](mailto:athenaswan@ecu.ac.uk) | F: 020 7438 1011 | T: 020 7438 1022

P: Athena SWAN, Equality Challenge Unit, 55-56 Lincoln's Inn Fields, London, WC2A 3LJ

**Frequently asked questions.**

**Find out more about the Charter's history and principles.**

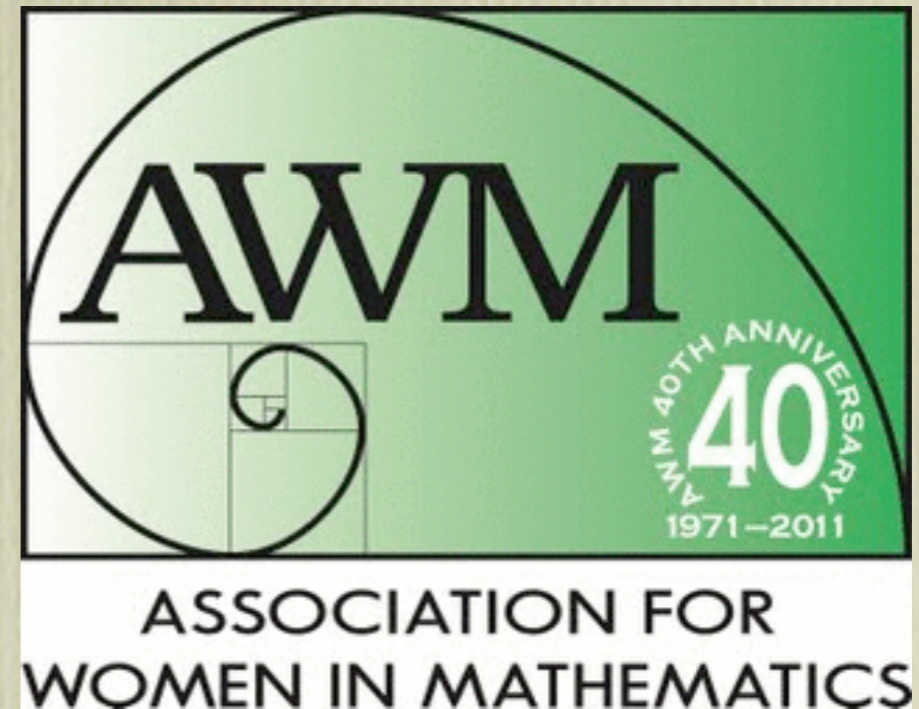
# And internationally:

AWM

Association for Women in Mathematics

Based in USA

1971



**AFRICAN  
MATHEMATICAL  
UNION**

Commission on

1986

Women in Mathematics in Africa

Korean Women in Mathematical Sciences

**KWMS** 한국여성수리과학회  
Korean Women in Mathematical Sciences

2000

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