

Committee for Women in Mathematics



Committee for Women in Mathematics

- International Mathematical Union Committee
- Created in march 2015
- First meeting in september 2015
- Our website <http://www.mathunion.org/cwm/>



Committee for
Women in Mathematics

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- **Members** : Carolina Araujo (Brasil), Bill Barton (New Zealand), Ari Laptev (Sweden), Kristin Lauter (USA), Sunsook Noh (Korea), Marie Françoise Ouedraogo (Burkina Faso), Sujatha Ramdorai (India), Marie-Françoise Roy (France, Chair), Caroline Series (UK, Vice-Chair), Betül Tanbay (Turkey)
- EC liaison John Toland.
- Support from Neela Nataraj (reporting, finances)

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CWM most important **goal** : help establishing and supporting networks at the continental or subcontinental level specially in Asia, Latin America and Africa.

CWM **budget** used mainly for this purpose.

Pre-ICM 2018 event in RIO: **(WM)²** -

World Meeting for Women in Mathematics

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CWM support in 2015

Cortona CWM launching meeting

African Women in Mathematics Association
(website, first general meeting in Kenya)

Logo for $(WM)^2$

Meeting in Sao Paulo (Brazil)

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CWM call in 2016

50 applications, some for individual support, most of them for establishing networks

7 approved for regional networks

In Latino-America (Colombia, Mexico)

In Africa (Sénégal, Tunisia)

In Asia (India, Indonesia, Kazakhstan)

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Synergies



Meeting with **ERCOM centers** next week

« What can be the role of ERCOM centers in promoting practices that ensure equal opportunities for women? »

Identify good practices, and try to generalize to other parts of the world.

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Synergies

In discussion

Initiative with **ICTP** (2018)

Long mathematical school in Trieste around hyperbolic geometry, ergodic theory, and symplectic geometry

Aim : understand Maryam Mirzakhani's work



The Abdus Salam

**International Centre
for Theoretical Physics**

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Synergies

Initiatives with **OWSD**

Reinforce both networks

Involve more women in mathematics in OWSD Ph D program

Participate to the next Career development workshop at ICTP (currently for physicists)



ORGANIZATION
FOR WOMEN IN
SCIENCE FOR THE
DEVELOPING WORLD

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Synergies

With **Zentralblatt MATH**

“A data-backed study of gender differences in mathematics publication patterns”

Helena Mihaljevic-Brandt and Lucia Santamaria

During EWM activities at 7ECM Berlin 17 and 20
july 2016

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In the future

Launch the **gender gap in mathematics index**

Define a convincing indicator

Data should be simple to collect

Heat map of countries in terms of gender equality in mathematics

Beware of preconceived ideas : northern european countries are NOT good !

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Only international Committee for Women in Mathematics !

CWM has a vital role to play.

Thanks to IMU for giving us this platform and support !!



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