



**A Global Approach to the Gender Gap
in Mathematical, Computing and Natural Sciences:
How to Measure It, How to Reduce It?**

What now ?

**Marie-Françoise Roy, IMU
Coordinator of the project
Director of the Conference**

Project budget

Three years project 2017-2019

Funded by ISC : 70 % of budget

Co-funded by some Partner Unions : 30 %

**Indirect funding by other Unions and Partners
(participation of members to meetings)**

**AIP, HTW-Berlin and Limerick University were paid
for Task 1, 2 and 3 but worked much more than
what was paid for** 

The situation

The project has been very successful.

First multi-disciplinary project on the gender-ap among professional unions, ambitious and challenging collaboration, sharing information and experience from different disciplinary fields.

All the tasks have reached their objectives

Also : website and social media activities

In the next two months

Finalize the results of the Tasks of the Project

Improve the tools of the project

Write a report of ICTP meeting

Finalize the Report of the whole project

Disseminate our results

Reorganize the Gender Gap in Science website with links to tools and results

Use ICTP website

slides of presentation available

video-recording of talks available

**Make available the report of the whole project :
book publication**

Prepare short summary in several languages

Keep our tools alive

Task 2 : Publication patterns

open platform allowing analyses of bibliographic data with relation to gender.

URL <http://gender-publication-gap.f4.htw-berlin.de/>.

structured access to publication data from STEM disciplines in relation to the gender of the publishing authors, with visualizations : research activity over time; share in particular journals; distribution across sub-fields; distribution across sub-fields.

Keep our tools alive

Task 3 : Data base of Good Practices

**soon available on IMU Committee for Women in
Mathematics (CWM) website,**

welcoming online submissions of new initiatives.

Keep our tools alive

Task 1 : Global Survey of Scientist

valuable quantity of data collected

full analysis not possible given the time limits

Issue of data privacy : individuals who answered the survey must not be identified

recent technologies ("data suppression technique") make it possible to give data access to researchers while protecting the privacy

wish to implement them in the future.

In 2020

Extend partnership to AIP (Task 1) and HTW-Berlin (Task 2) to clarify their rôle

☐ Organize a coordination meeting during 2020

Use "data suppression technique")☐ to provide data access of ☐ unions (and individual researchers we would approve) to the Global Survey of Scientists

Secure a long-term availability and maintenance of the tools of the project for Publications Patterns and Data Base of Good Practices.

Budget ?

ISC funding to the project is finished

Will union partners agree to renew their funding for one year nevertheless ?

What other funding sources ?

Perspectives

**ISC « Gender-transformative Science » (4.1 in
strategical  plan) currently a project in development**

**Participation of the Gender Gap in Science project
to the scoping workshop planned by ISC**

**Make the methodology and tools of the project
available for unions of ISC who wish to use them**

Create more contacts with social sciences

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Thanks

To ISC for accepting and funding our project

To ICTP and SISSA for coorganizing this meeting

To all unions partners and organizations, specially  IMU and IUPAC

To a wonderful team working on the project

To all participants of this memorable meeting

Piano and Songs

Music at the ground floor

Interdisciplinary collaboration :

biology

physics

mathematics