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

4 - 8 November 2019 **Trieste, Italy**

Final meeting of a collaborative project (2017-2019), funded by the International Council for Science, of eleven major scientific international unions and organizations: findings, discussions, conclusions and recommendations.

Description:

Reducing the gender gap is a major challenge for the whole scientific community, in developed as well as developing countries, and concerns everyone, men and women.

The project has concentrated its efforts on three main tasks: the Joint Global Survey with 30,000 respondents (male and female) in more than 130 countries using 8 languages, the Joint Study on Publication Patterns analyzing comprehensive metadata sources of publications of more than 500,000 scientists since 1970, a Database of Good Practices for girls and young women, parents, and organizations.

The aim of the Conference is to present its results and formulate recommendations.

Topics:

 Report on the findings and achievements of the three tasks of the project, globally, by scientific discipline and by geographical zone.

Further information: https://gender-gap-in-science.org/ http://indico.ictp.it/event/8731/ smr3335@ictp.it

Directors:

M.F. ROY International Mathematical Union M. H. CHIU International Union of Pure and Applied Chemistry I. GLEDHILL International Union of Pure and Applied Physics

Local Organizer:

E. COPPOLA **International Centre for Theoretical Physics**

Speakers:

S. BADALONI, University of Padova

- J.-P. BOURGUIGNON, European Research Council C. BOBAN, Diversity Working Group, Wikimedia
 - Strategy 2030
- A. BROOKS, UNESCO (retired)
- T. K. CAMP, Colorado School of Mines
- K. CLANCY, University of Illinois
- M. GOOS, University of Limerick
- **R. IVIE, American Institute of Physics**
- G. LOZANO, University of Arizona
- L. MERNER, American Institute of Physics
- H. MIHALJEVIC, Hochschule für Technik und Wirtschaft Berlin
- M. F. OUEDRAOGO, African Women in Mathematics Association
- S. PONCE-DAWSON, Instituto de Física de Buenos Aires
- M. RENTETZI ,National Technical University of Athei

- Discuss and evaluate the results of the project. •
- Formulate recommendations and discuss new initiatives

How to apply:

Online application: http://indico.ictp.it/event/8731/

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

L. SANTAMARIA, Independant Researcher J. TIMS, Baldwin Wallace University C. TOPAZ, Williams College

Deadline: 2 August 2019











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