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

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Casser les codes
Femmes, genre et informatique

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Committee for Women in Mathematics
An ICSU Project

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(2017, 2018, 2019)
11 International Partners

• International Mathematical Union (IMU)
• International Union of Pure and Applied Chemistry (IUPAC)
• International Union of Pure and Applied Physics (IUPAP)
• International Astronomical Union (IAU)
• International Union of Biological Sciences (IUBS)
• International Council for Industrial and Applied Mathematics (ICIAM)
• United Nations Educational, Scientific and Cultural Organization (UNESCO)
• Gender in Science, Innovation, Technology and Engineering (GenderInSite)
• International Union for History and Philosophy of Science and Technology (IUHPST)
• Organization of Women in Science for the Developing World (OWSD)
• Association for Computing Machinery (ACM)
Aims

Define, Measure and Reduce the Gender Gap in Mathematical and Natural Sciences

Contrasts and common ground across

• regions and cultures,
• less developed and highly developed countries,
• men and women,
• Mathematical and Natural Sciences, including Computer Science

https://icsugendergapinscience.org/
Activities

3 Tasks

• Task 1: Joint global survey
• Task 2: Joint data-backed study on publication patterns
• Task 3: Database of good practices for girls and young women, parents, and organizations

Several meetings

• 1 Initial Workshop (Paris, June 2017)
• 3 Regional Workshops in 2017 (Africa, Asia, Latino-America) corresponding to the three ICSU regions
• 1 Final conference in 2019