Women in Physics: Why so few? Why so slow?
What is the mystery?

Why should we care?

What are the clues?

Is this a question of time?

What should we do?
What is the mystery?
IUPAP Working Group on Women in Physics, 2002
Women in Physics in Asia
IUPAP Working Group on Women in Physics, 2002
Women in Physics in Latin America
IUPAP Working Group on Women in Physics, 2002

![Graph showing percentage of women in different stages of education in Latin America by country.](image-url)
Women in Physics in Eastern Europe
IUPAP Working Group on Women in Physics, 2002
Women in Physics in Latin Europe
IUPAP Working Group on Women in Physics, 2002
Women in Physics in Anglo Saxon Europe
IUPAP Working Group on Women in Physics, 2002

![Bar chart showing the percentage of women in physics in different European countries at various stages: UnderGrad, Grad, Professional. The countries represented include Norway, Sweden, Finland, United Kingdom, Denmark, Netherlands, Switzerland, Germany, and Ireland.](chart.png)
Women in Physics in Oceania
IUPAP Working Group on Women in Physics, 2002

[Bar chart showing the percentage of women in physics at various education and professional levels in Oceania, comparing Australia and New Zealand.]
Regional Average
IUPAP Working Group on Women in Physics, 2002
Why should we care?

- Women are good for physics
- Physics are good for women
- Society needs women in physics
What are the clues?

- Stereotypes - Physicists are not social
- Historical Reasons - Lack of Role Models
- Requires - Travel, After hours work, Agressivity
Myths

- Are women interested in exact sciences?

- Are women good in exact sciences?

- It is a question of time?
Scientists are nerds
Female Scientists are nerds
Women are not good in Science
Hipatia (ca. 351-370)
Marie Curie (1867-1934)
Agnes Pockels (1862-1935)
Lise Meitner (1878-1968)
Mary Cartwright (1900-1998)
Maria Mayer (1906-1972)
Sau Lan Wu (1947-)
Mildred Dresselhaus (1930- )
Reiko Kuroda (1947-)
Women in Physics vs Medicine - Brazil
Betina Lima, MCB, In: Trabalho e Gênero, 2013

[Diagram showing the comparison between women in Physics (fisica) and Medicine (medicina) over time (1A to 2).]
Women in Physics - Level 1C
Women in Physics - Level 1B
Women in Physics - Level 1A
What to do?
IUPAP 2002
What to do?
Ciência Mulher 2004
What to do?
IUPAP 2005
What should we do?

- Work together with colleagues
- Network
- Identify the Barriers and change them.