


The Sixth International Conference on Women in Physics

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US Delegate to 6th ICWIP

ICWIP

- International Conference on Women in Physics
- 2017 in Birmingham UK in July


ICWIP



IUPAP
International Union of Pure and Applied Physics

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WG5: WOMEN IN PHYSICS

Working Group 5 (WG5), Women in Physics (WiP), was created by the International Union of Pure and Applied Physics in 1999 as a resolution of the Atlanta, Georgia, USA General Assembly to survey the present situation and report to the Council and the Liaison Committees, and to suggest means to improve the situation for women in physics.

In this section

[All Working Groups](#)

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IUPAP International Conferences on Women in Physics

[Sixth ICWIP, Birmingham, UK, 2017](#)

[Fifth ICWIP, Waterloo, Canada, 2014](#)

[Fourth ICWIP, Stellenbosch, South Africa, 2011](#)

[Third ICWIP, Seoul, Korea, 2008](#)

[Second ICWIP, Rio de Janeiro, Brazil 2005](#)

[First ICWIP, Paris, France 2002](#)

[Conference Proceedings](#)

Delegations

- Each country sends a delegation
- Most countries send two people
- A few countries are allowed larger delegations
 - US sent 12 people
 - NSF grant

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Application

- Bio sketch (NSF style)
- 250 words on interest/participation in women in physics issues
- 250 words on personal research poster abstract

Acceptance!

- “Congratulations! We are very pleased to inform you that you have been selected to join the U.S. delegation to the 6th IUPAP International Conference on Women in Physics to be held in Birmingham, UK.”

Pre-conference work

- Monthly vidcons
- Abstract for US country poster
- Abstract for personal research poster

Pre-conference work

- Develop country poster
- Develop personal research poster
- Four page paper associated with each poster

US country poster

- “Women in physics in the United States: Reaching toward equity and inclusion”
 - Statistics on women’s participation in physics (~20%)
 - Challenges for women: imposter syndrome, stereotype threat, implicit (unconscious bias)
 - Intersectional issues (race, gender identity, sexual orientation)
 - Increasing access: CUWiPs, Bridge programs

Gender Bias in Physics website

- <https://genderbias.compadre.org/>
- Women & gender minorities
- Share experiences of gender bias
- Resources to support women
- Database of bias experiences
- (Forthcoming) Discussion forum

ICWIP 2017!!!

- 16-20 July 2017, Birmingham UK
- 210 attendees from 46 countries; less than a dozen men
- University of Birmingham
- Housing in dorms
- Busy schedule



Daily schedule

- 9:00 plenary
- ~10:00 tea break
- ~11:00 workshops (five themes)
- ~12:00 lunch
- ~1:30 plenary
- ~3:00 country posters (brief presentation, viewing)
- ~5:00 dinner
- ~7:00 evening activity (concert, awards)

Workshops

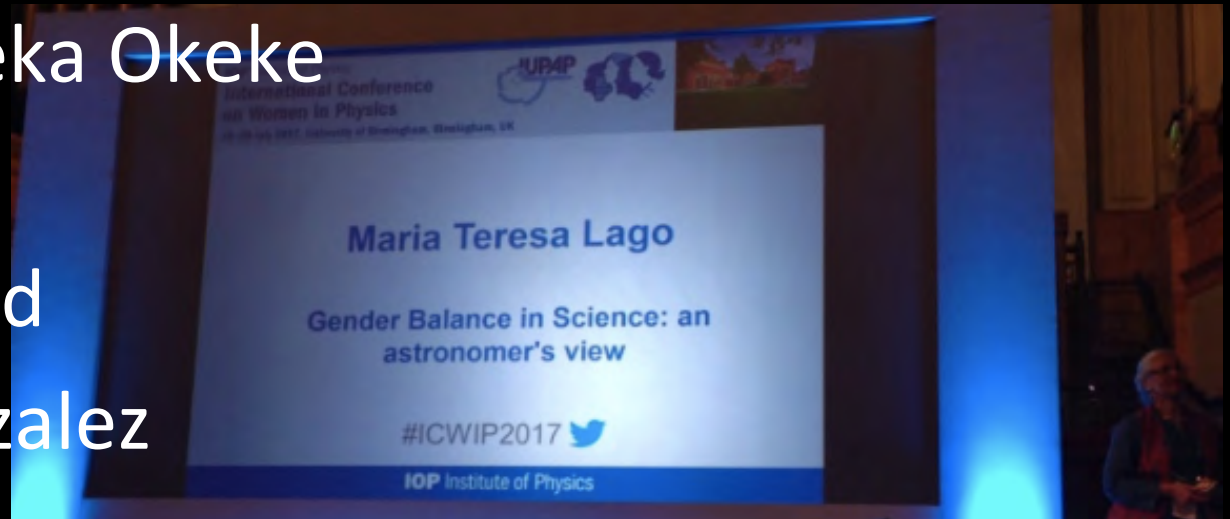
- Gender studies and intersectionality
- Science practice & ethics
- Professional development & leadership
- Cultural perception & bias
- Physics/science education

Workshops

- Two days of presentations
- Third day: recommendations for IUPAP, IUPAP Working Group, country delegations

Plenary speakers

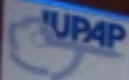
- Maria Teresa Lago
- Halina Rubinsztein-Dunlop
- Francisca Nneka Okeke
- Xucun Ma
- Athene Donald
- Gabriela Gonzalez



Country posters

- 90 seconds to give overview





United States of America



Conference for Undergraduate Women in Physics

In 2006, 29 attendees
In 2017, 1500+ (everyone!)

Lab tours, poster sessions, presentations, panels, networking
Evaluations: very **positive** understanding of physics careers and how to pursue them, growth in physics community and mentoring relationships



Gender bias in physics website

<https://www.compton.edu/>

A website was created to serve as an open-access forum for discussing gender bias in physics. Experiences shared on the site will be analyzed for effective strategies to combat gender bias.



QR code



Poster 1: A blue and white poster with a large 'e' logo at the top left. It features several text boxes and two photographs of people in a laboratory setting.

Poster 2: A poster with a colorful abstract design, including a red and blue shape, and some text.

Poster 3: A poster with a white background and blue border. It contains text and several small images, including a group of people.

Poster 4: A poster titled "Current Status of Women in Physics in Taiwan". It features a bar chart with three bars of increasing height, a line graph, and a small map of Taiwan.

Poster 5: A poster with a white background and blue border, containing text and a small image.

Poster 6: A poster with a blue background and white text, partially visible on the right edge of the frame.

Surprise visitor





Photo: Liz Hingley, IOP, University of Birmingham



Photo: Liz Hingley, IOP, University of Birmingham

Conference Proceedings

- Proceedings available through AIP
- #1-5 posted
- #6 forthcoming

Waterloo Charter (2014)

We hold as our guiding principles that:

- • Women and men are equally good in doing excellent science and deserve equal opportunity.
- • Diversity contributes to excellence in science so that the full participation of women and men will maximize excellence in the field of physics.
- • Both thought and action are necessary to ensure equal participation for all.
- • The measure of equal opportunity is outcome, namely gender equity is attained when the percentage of women in the next level of advancement equals the percentage in the pool.
- • Long-term change requires periodic evaluation of progress and consequent action to address areas where improvement is necessary.

- Read about the 6th ICWIP on twitter at #ICWIP2017

Thank you!