

# IUPAP Working Group # 5 Women in Physics

## 2022- 2023 Report

### 1. Travel Grants

In 2022 the International Conference Women on Physics (ICWIP) did not take place; however, grants were offered to students and researchers from developing countries and Eastern Europe. These grants allowed them to visit institutions for collaboration, to attend short courses, or to present their research at conferences. The call was sent to country Team leaders by email, asking them to distribute it in their country. Out of 40 applicants, the Working Group (WG) selected 20 women from nine countries to receive grants of around \$750 USD.

### 2. 2023 ICWIP

Since 2002, the International Conference Women on Physics has been taking place every three years. These conferences cover several topics on the status of women in this field and discuss strategies to improve it. There are plenary talks by outstanding female physicists, panels to address specific topics, and workshops to provide soft skills. Proposals to improve the situation of women in physics are generated during the discussions. Posters are presented by the country teams about female physicists in their nations. Scientific posters are also accepted to foster collaboration. Regional meetings and cultural and social activities are organized to promote networking. The conference structure has been maintained although specific topics and activities may be suggested by the current organizers. The conference proceedings are published and made available through open access. Because of their success and impact, the conferences have improved the participation of women at the international and local levels through different initiatives and IUPAP itself has also benefited and has improved.

Due to the pandemic, the WG discussed the convenience of having the conference three years after the previous one held online in Australia in 2021 and not in 2020 as planned. However, assuming that the General Assembly would be in 2023, considering the uncertainty caused by the ongoing pandemic and that a Ukraine war started, it was decided to follow the regular calendar and hold online the conference in 2023. The call was sent to the team leaders and liaisons. Only one proposal from India arrived and we were pleased to accept it.

ICWIP was co-organized with the Gender in Physics Working Group (GIPWG) of Indian Physics Association (IPA) and the Tata Institute of Fundamental Research (TIFR) and was hosted by the Homi Bhabha Centre for Science Education (HBCSE) of TIFR. It was held virtually from July 10-14. With nearly 500 delegates from 70 countries including about 200 hundred participants from India, the conference followed the scheme described before for ICWIPs. Additionally, Indian team members organized workshops on gender biases and equity in digital space. To ensure that attendance would be accessible to all, 33 delegates

from eight developing countries were benefited by grants to cover technical equipment, travel expenses or childcare.

As expected, the conference was extremely successful, and we acknowledge the great job done by the local organizers. For more information visit <https://icwip2023.hbcse.tifr.res.in/> Currently, we are preparing the publication of the proceedings and refining the resolutions to be presented at the 2024 IUPAP General Assembly.

### 3. 2021 ICWIP Proceedings

Contributions to the Proceedings are reports about the situation of women in each country. Plenary speakers and workshop organizers are invited to submit also contributions. Other collaborations are typical scientific papers presented at the poster session. We try to publish all the works based on the importance of the information. Since some authors write papers for the first time, and others do not have the necessary tools to prepare them, they are specially helped to fulfill the journal requirements. Proceedings are a worthy source of information on the situation of female physicists and activities that national teams have developed to improve it during the last two decades. 2021 ICWIP Proceedings are due to be published very soon.

### 4. Participation in IUPAP Commissions

WG members participate in IUPAP Commissions. In 2022, Farida Fassi (Morocco) replaced Dina Izadi (Iran) in C14 Physics Education, and Anisa Qamar (Pakistan) was proposed to replace Lilia Meza-Montes in C13 (Physics for Development).

Lilia Meza Montes

WG #5 Women in Physics Chair