



Women in Physics: Argentina 2023

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Since 2017, the Gender Committee (GC) of the Argentine Physical Society (AFA) has been actively engaged in providing a gender perspective into the Physical community, striving to promote actions that foster a community characterized by gender equity and equal opportunities. To ensure comprehensive and inclusive participation, the constitution of the GC places particular emphasis on diversity, including representation from various geographical regions and individuals at different career stages. The GC has undertaken initiatives such as fostering a network of women in physics to facilitate collaboration, actively working to ensure the representation of women in plenary sessions and awards during the AFA's annual meeting and establishing safe spaces for victims of gender-based violence. In this article we provide an overview of the current state of Women in Physics in Argentina, focusing on 3 primary aspects: the main activities undertaken by the GC, a review of the recent national legislative framework aimed to prevent gender bias and violence, and a 5-years study of the relationship between the gender of Ph.D. candidates and their thesis advisors. Notably, while nearly 30% of physics researchers in Argentina are women, the proportion of female Ph.D. advisors stands at a mere 17%. Preliminary findings reveal gender homophilic tendencies in the selection of thesis advisors. Specifically, female candidates are more likely to choose female advisors, while male candidates tend to have male advisors. These findings underscore the potential presence of gender bias within the advisor selection process, potentially impacting the diversity and representation within academic mentorship. Further research is needed to explore the underlying factors contributing to these patterns and to promote equal opportunities for students in selecting their thesis advisors.