



Contribution ID: 218

Type: **Oral presentation**

A network study using historical data to assess the production of women in physics by women's colleges

Wednesday 2 July 2025 10:00 (20 minutes)

Gender equality in physics is a pressing issue as women continue to be underrepresented at almost all levels of education or employment. However, women's colleges have produced a disproportionate number of female science graduates for over a hundred years. In this longitudinal interdisciplinary study, historical institutional records have been used to create a purpose-built database of hundreds of women in physics spanning two centuries. We conducted bipartite (two-mode) network analyses of female physicists with both institutions and people as nodes. Preliminary results indicate key factors in the success of a subset of highly productive institutions for women in physics.

Education level

Age over 18 (excluding teacher education)

Physics topic

Other

Research focus

Other

Research method

Mixed method (qualitative & quantitative)

Organizing preference criteria

Track

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Session Classification: Parallel oral presentations

Track Classification: Identity and Belonging in physics (IDENT)