



picture: Joanne Lam

# Diversity in the Cultures of Physics

## Strategic Partnership “Diversity in the Cultures of Physics”

The establishment of the Strategic Partnership “Diversity in the Cultures of Physics” seeks to build a transnational network for launching several key actions geared towards improving the gender balance in physics and its subfields. The main network activities focus on creating spaces for young women to consider physics as a field of academic training and drawing upon the diversity of physics for the career planning of female physics students. The transnational approach allows a broadened comprehension of professional cultures of physics and of how to make necessary changes.

At this moment the partnership consists of six universities in four different countries: Freie Universität Berlin, Universitat Autònoma de Barcelona, Universitat de Barcelona, University of Manchester, University of Sheffield and Universitet Uppsala.

The Strategic Partnership “Diversity in the Cultures of Physics” is funded by the EU-programme Erasmus+ for the period 2016 - 2019.

## Outreach - Developing International Expertise

Regarding the improvement of diversity and equality in physics, outreach events which address especially young women can be an important instrument. All the different partner universities of “Diversity in the Cultures of Physics” organize outreach events and have gained special expertise in this field. One aim of the Strategic Partnership is the exchange and collection of this international expertise.

Therefore the partners will mutually assist to their outreach-events in order to discuss and share their experiences especially referring to the aspect of diversity. Based on this process the Strategic Partnership will publish a flyer, in which the best ways to conceptualize outreach events will be analyzed so that they contribute to more diversity in physics.

## Summer School Curriculum

The summer school series “Diversity in the Cultures of Physics” is a programme for young female physicist who aspire for a PhD. The series consists of two bilateral summerschool each year between different universities of the partnership. The aim is to support young women in physics in their career. Therefore the summer schools allow the participants to :

- Learn about the diversity of work place cultures and reserach fields in their specific cultural and political context.
- Get access to professional networks in physics for future collaboration, stays abroad and to know about funding programmes for young female scientists.
- Know about equality and diversity politics at European universities and to be aware of the role of gender and diversity in physics.

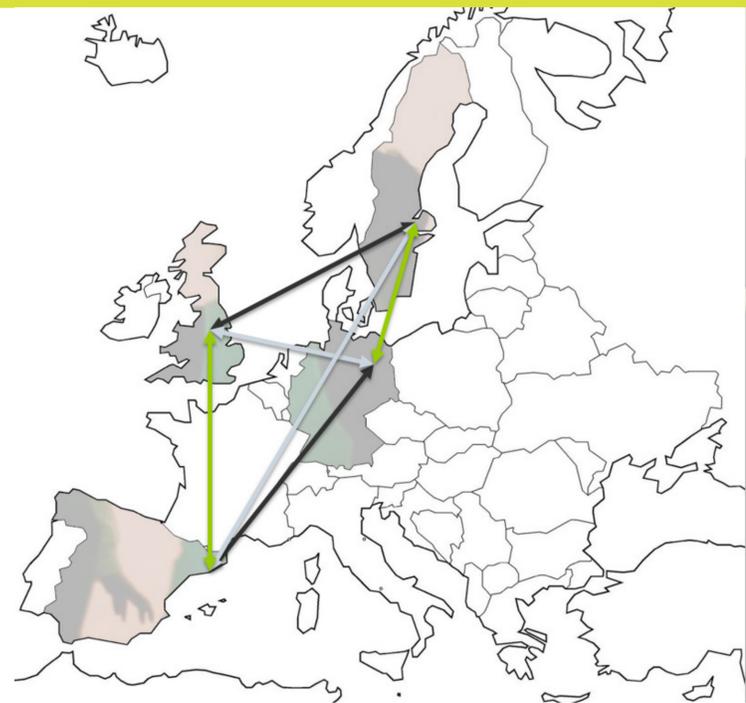
Each summer school is an exchange programme of four weeks (two weeks in each country) containing a constantly improved curriculum in which different activities are realized:

- Presentations, visits and stays in research group at the physics department of each university.
- Visits to research institutions and companies in the regions.
- Visits and presentation of gender equality institutions of the universities and national associations.
- Presentations and discussions about interdisciplinary gender research in physics.
- Workshops and dicussions about empowerment strategies and professional techniquies for women.

## Lesson Plans “Gender and Physics ”

The summerschool series includes the developement and application of the course “Reflections on Gender & Physics ”. Structured by a variety of aspects the course contains different lesson plans which give concrete instructions for learning units. The lesson plans can be applied in different contexts and the first edition is already published:

<https://refubium.fu-berlin.de/handle/fub188/23146>



Project Coordinator Germany



Spain



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