

AKC 1: AKC

Time: Friday 10:45–12:15

Location: H2

Invited Talk

AKC 1.1 Fri 10:45 H2

Reshaping the History of Quantum Physics: Paths to Gender Equality — ●ANDREA REICHENBERGER — TU Munich

We are all familiar with gender dynamics, biases, and stereotypes on the online platforms we visit, use, and co-create every day. They are ubiquitous in large language models (LLMs) and other generative AI technologies trained on large amounts of data. Their spillover effects are now well studied in scientific research. There is comparatively little research on how the history of physics is represented and practiced in today's online spaces. This talk will take you on a journey through the history of quantum physics, exploring new avenues for a gender-sensitive future of the history of physics. And it offers a critical insight into how expertise in the history of physics, science communication and public opinion influence and reinforce each other in the practice of digital history. Drawing on a series of case studies on women in the history of quantum physics, we examine the Matilda effect on online platforms and offer perspectives on how to successfully counteract this effect, which gives a name to the systematic misrecognition of women's contributions to science and technology.

Invited Talk

AKC 1.2 Fri 11:15 H2

Prevention and protection against sexual harassment, discrimination and violence (SBDG): A private matter or how much does it concern us as a university? — ●MICHAEL TUNÇ — Katholische Hochschule für Sozialwesen, Berlin, Deutschland

Universities have the obligation to implement measures to prevent sexual harassment in the workplace according to AGG paragraph 12. But there are people reporting assaults and sexual harassment against physicists occur repeatedly.

In this lecture, participants will get brief informations how they can effectively support/protect themselves and others at universities. The lecture would like to sensitize by presenting the following basic informations:

- What is sexual harassment at the university (facts and figures)?
- What are the causes and consequences of sexual harassment for employees and the university organization?
- What are the rights of those affected and the obligations of those involved?

The topic of being/becoming a bystander includes sensitization as well as hits on concrete options for action, both for male and female participants. First ideas will be given how a complaint procedure to prosecute sexual harassment can be established. Relevant questions are:

- How can a professional protection of victims succeed?
- How do you deal with your fears of hierarchical, legal consequences?
- How can you protect dependent people from hierarchically superior people?

30 min. discussion