

# Gender & Science

## A 'Science in Perspective' Lecture Series

Abstract	This lecture series offers an introduction to the relationship between gender and science, with a focus on the specific intersections with the sciences taught at ETH.
Objective	This lecture series is designed to acquaint students from all levels and departments with the various ways in which gender perspectives matter for specific scientific disciplines, as well as for science in general. Students will learn to recognize and analyse the specific ways in which scientific theories and methods are gendered, and how this connects to their own scientific disciplines.
Content	<p>There is agreement across academic disciplines today that gender influences and structures the production of knowledge and that scientific knowledge production in turn shapes gender notions. Even within “hard” sciences such as mathematics, physics, engineering, etc., gender is a significant factor in determining what counts as “objective” knowledge, who can know it, what kind of knowledge is produced, or how this knowledge is acquired and justified. Feminist research aims to reveal how dominant conceptions of science and knowledge practices disadvantage women*, and other subordinate groups, with the goal of reforming these practices. An important part of feminist critique is to show that such efforts substantially improve the overall quality of research.</p> <p>The semester will start with an introductory lecture acquainting students with research questions in the field of Gender and Science by summarizing its key concepts and methods. It will then continue as a series of weekly guest lectures, given by scholars from different scientific disciplines, that provide accessible insights into the intersection between gender studies and the guest lecturer’s research field. Students will thereby be encouraged to learn from concrete examples rather than abstract theory. The goal is for students to understand how to apply concepts and methods of gender studies to particular disciplines. A mid-term discussion session and end-term assignment will provide students the opportunity to critically reflect on how these questions are relevant for their own academic practices.</p>
Schedule	Tuesdays, 18–20, Main Building (HG), Room E 33.1
Class size	max. 50 students (+ hybrid screening for public audience)

# Program Autumn Semester 2021

21.09.	Dr. Nadja El-Kassar <i>ETH Zürich</i>	Introduction / What do we mean by 'gender and science'?
28.09.	Dr. Katharina Fellnhofer <i>ETH Zürich</i>	How to measure intuition's impact on our success?
05.10.	Prof. Dr. Annette Vogt <i>Humboldt University Berlin</i>	Women scientists in Europe - from outsider to normality?
12.10.	Prof. Dr. Ruth Müller <i>Technical University Munich</i>	Gender in Biology and Biomedicine
19.10.	Prof. Dr. Corinna Bath <i>Technical University Braunschweig</i>	From fairness towards a response-able technology design. How to overcome (gender) biases in IT and AI?
26.10.	Nana Dankwa Kesewaa, MSc <i>University of Kassel</i>	Exploring Gender/Diversity in the case of Smart Home Tech *
02.11.	<i>Mid-Semester Discussion with Students</i>	
9.11	Prof. Dr. Rachael Garret <i>ETH Zürich</i>	The role of women in sustainable development and a forest transition in the Brazilian Amazon
16.11.	Prof. Dr. Petra Lucht <i>Technical University Berlin</i>	Intervention in Gendered Politics of Knowledge and Artifacts in STEM - Case Studies from Teaching/Learning Research
23.11.	Dr. Michal Berkowitz <i>ETH Zürich</i>	psychological research on gender and science
30.11.	Prof. Dr. Anelis Kaiser <i>University of Freiburg</i>	Gender in Neuroscience
07.12.	Prof. Dr. Aniko Hannak <i>University of Zürich</i>	
14.12.	Prof. Dr. Rebekka Hufendiek <i>University of Bern</i>	
21.12	<i>Final Discussion with Students</i>	