

PS12. (Un)code the Bias: Algorithmic Fairness in Data Science

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Session overview

Over the last decade, scientists, activists and journalists have repeatedly dismantled the idea of a 'neutral' algorithm: whenever algorithms are involved in decision-making, the question of fairness arises. It is not a novelty, either, that there is no such thing as inherently unbiased data or unbiased use of an algorithm. What is it, then, that a fairness-aspiring data scientist can – and should – do? And what is the role of data science in this inherently interdisciplinary challenge?

In this session, we aim to tackle these questions on several interconnected levels: data collection; algorithmic design; usage and implementation of algorithms; and finally, societal action and response. Our three speakers will not only share their expertise on these topics, but also invite you to reflect on everyday life dilemmas, actively engage with each other and co-create a discussion on fairness in data science.

Will this session uncode the algorithmic bias? Probably not, but at least you will be more aware of it.

Speakers

- Eike Petersen, PostDoc, DTU Compute
- Niels van Berkel, Associate Professor, AAU
- Pernille Tranberg, Advisor in data ethics, Co-founder of DataEthics.eu

Programme

10:15 – 10:25 Introduction
10:25 – 10:45 Eike Petersen
10:45 – 11:05 Niels van Berkel
11:05 – 11:25 Pernille Tranberg
11:25 – 11:35 Break
11:35 – 11:50 Dilemmas
11:50 – 12:15 Panel discussion