

Science Communication with AI

Objective

This course combines traditional methods of science communication with modern AI technologies to convey complex scientific content in an efficient and accessible way. Participants will learn how AI-supported tools such as language models, chatbots or image generators can be used to adapt scientific topics to different target groups.

Description

Artificial Intelligence is disrupting various fields, especially in science and technology. Science communication is one of these fields and we will discover how to use AI to our advantage. In addition to an introduction to technical and ethical issues and the limitations of AI in science communication, this course offers practical exercises in which participants can develop their own projects and directly apply the skills they have learnt.

The aim is to provide participants with a toolkit to make their communication more effective and innovative and to utilise new formats and media.

In short:

- Introduction to science communication
- Technical details about AI
- Presentation of various AI tools
- Content generation with AI
- Hands-on Sessions with various tools
- Ethics and data protection using AI

Methodology

- The course combines interactive lectures with lots of hands-on exercises
- The participants are required to bring a laptop to take part

Trainer



Dr. Sascha Vogel
science 42

Sascha did his PhD in Theoretical Physics, followed by a postdoc stay in France. After some years coordinating two Graduate Schools and doing a lot of freelance science communication, he started his own company focussing on trainings and science communication with the brand science 42. Using a lot of artificial intelligence himself he embraces the use of AI in science communication and will show the many uses during this course.

Organizational Information

Language / Format	English / On campus
Target group	Doctoral Candidates at all stages and Postdocs (R2/R3) from all faculties
Date	Monday, 25 January 2027, 9:00 – 17:00
Registration	For registration click here