RESEARCH
ACADEMY
RUHR

Workshop: Successful Grant Writing - Module 4: AI for Grant Writing (online | for Postdocs from all research fields)

Datum & Zeit: Thu, 22 February 2024, 09:00-12:30
Ort: Online via Zoom
Zielgruppe: Postdocs from all research fields of the UA Ruhr universities
(max. 25 participants)
Trainer*innen: PD Dr. Daniel Mertens
Anmeldefrist: 09.02.2024

» Bitte melden Sie sich hier an: https://eveeno.com/329490035

📄 Beschreibung

AI-based tools enable researchers to work more efficiently and effectively. However, it is important for researchers to use these tools judiciously and with an understanding of their limitations and considering the policies of the funding agencies.

Although the range of tools is currently expanding exponentially, at the current stage the workshop will discuss and use the following tools:

- extracting key claims, summarizing, brainstorming ideas and finding sources (https://www.perplexity.ai/)
- enhanced literature review, connectivity of papers, interactive summaries of key information (https://elicit.org/, https://www.explainpaper.com, https://app.litmaps.com/ and https://www.researchrabbit.ai/)
- texting (https://www.deepl.com/write, https://chat.openai.com/chat)
  - optimizing text
  - generating scientific text de novo, e. g. paragraphs, titles, whole cover letters
  - generating text for social media, e. g. tweets, LinkedIn posts etc.
- brainstorming e. g. of experimental planning, strategic planning and many more (https://chat.openai.com/chat)
- how to use AI to brainstorm
  - which scientific questions are relevant and which scientific experiments can be used to ad-dress a specific question, which controls can be used in an experimental setup
  - which questions might be asked by the reviewers of your paper, grant application, SFB panel review

The workshop will integrate questions / material / text / ideas from participants. Content / suggestions and questions from the participants will be wimplemented live online as input into the AI tools. These case studies and live exercises will help participants to apply the concepts and tools to their own scientific research and proposal writing.

Trainer

PD Dr. Daniel Mertens is Biochemist, Lecturer and leader of his own research group at the German Cancer Research Center (DKFZ) and at the University of Ulm. He shares his knowledge and experiences since several years as professional trainer.