AI and Research Topic Development
Presented by
Dr Kirstin Krauss
A two-hour webinar

Tuesday 20 February 2024, 1400-1600 (GMT)

AI tools in various forms have become common in academic research, where if used correctly they can be of major assistance to researchers. It isn’t possible to list all the ways this technology is being used as the number of practical applications is too long to present here. However, AI can assist in the early stages of academic research including preliminary literature reviews, topic discovery, research question formulation, and starting to develop scholarly writing skills.

AI technology can be very helpful to those who know how to use it, but it can be a major hindrance to academic researchers who are not adequately familiar with it and who are not properly aware of its strengths and limitations. This webinar will focus on effectively using AI for topic discovery and research question formulation.

The webinar will discuss how to get the most out of this technology as well as potential pitfalls which need to be avoided in its use. The event is of direct relevance to academics involved in research either for themselves or as a supervisor of students. Research students themselves will also benefit from this event.

Topics covered in the webinar.
- Key scientific claims that should guide the topic discovery phases of research.
- How AI-driven research and discovery tools can assist in managing research discovery processes.
- The role of AI tools in starting literature reviews and organising literature, highlighting potential risks and benefits of AI.
- How systematic rigour should inform the use of AI-driven discovery tools.
- Techniques for crafting and assessing introductions to research.
- Dealing with information overload.
- Criteria to assess research topics and research questions.

The webinar will be held on Tuesday 20 February 2024 from 1400-1600 (GMT) via Zoom. The Zoom Room will open at 13:45 pm (GMT).

The cost of attending this webinar is £40 per participant. Group discounts are available on request. To book a place, visit https://shop.academic-conferences.org/?ec_store=webinars
For questions about the event contact dan.remenyi@academic-publishing.org
Webinar Facilitator

Kirstin Krauss is Chief Digital Innovation Officer for ICANO International Limited. Kirstin specialises in digital innovation, business development, and scientific knowledge production and assessment. He has taken on several advisory roles in areas related to research capacity building, research integrity services, education consulting, artificial intelligence, and project coordination for startup companies. He is a part-time Research Advisor of Worldwide Information Services (WWIS) and Visiting Researcher for STADIO Higher Education. In prior roles, Kirstin served as academic and Professor at a number of academic institutions. His research focuses on ICT for Development, Critical Ethnography, postgraduate student development, and mitigating questionable scholarly practices. He has been invited by several associations and universities to deliver guest lectures and postgraduate research workshops. Kirstin holds a PhD in Informatics from the University of Pretoria, South Africa.