TIPS AND TACTICS FOR USING AI DRIVEN TOOLS TO SUPPORT SECOND LANGUAGE ENGLISH WRITERS

2 HOUR WEBINAR

March **27th** 2024

Academic writing is where scientific argumentation 'plays out' in writing. In contexts where English is a second or third language for most, it is often challenging to develop and supervise academic writing. However, AI driven writing tools are now offering second language English writers opportunities to strengthen and support their academic English writing abilities. The use of AI driven writing tools, however, is not without risks. For example, AI detection tools have been shown to have a bias against non-native English writers, generative AI can produce 'vanilla' writing or suffocate one's own style of writing, and generative AI may enforce a particular worldview onto non-mainstream contexts. AI writing support tools can also skew writing and ideas when used for proofreading. AI driven writing tools always need moderation by human actors.

This workshop addresses principles for developing and self-assessing academic writing. It introduces linguistic devices and tactics for crafting scientific arguments. Risks and benefits for using AI to support writing are also introduced and discussed.



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Topics covered

- Useful and risky AI driven writing tools, knowing the difference.
- Risks, benefits and the ethics of relying on AI driven writing tools.
- Risks and benefits of using a co-pilot to read and summarise.
- The importance of crafting one's own academic style of writing.
- The basic principles of scientific writing.
- Author-driven vs. claims-driven writing.
- How generative AI can generate incoherent evidence to support scientific claims.
- Referencing and references issues when using AI driven research tools.
- Linguistic devices for crafting arguments in writing:
 - The principle of constructive thesis/paper alignment.
 - Weaving the golden thread.
 - Writing paragraphs and sections academically.
 - Academic 'hedging'.
 - Linking sentences, sections, and paragraphs.
 - Argument roadmaps.
 - o Crafting introductions and abstracts, a core skill in academic

