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# Ensuring Research Integrity in the Age of AI: Recommendations, Trends, and Challenges

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With the introduction of free and easy-to-use generative AI applications like ChatGPT, Bard/Gemini or Perplexity, their use among researchers has exploded in the span of less than two years. According to recent studies, between 54% and 76% of researchers have already used AI. Just as swift as the uptake of AI was the emergence of fears and concerns about its effects on matters of integrity, ethics, and honesty within the context of higher education and science. While at first the focus lay on student use of AI, it has increasingly shifted to researchers and the question of what good research practice looks like in the age of AI. In this presentation, I will approach AI from a research integrity perspective and devote myself to the following questions: where does consensus exist? What still needs to be settled? And what are going to be persistent challenges?

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