

Ethical Implications of Generative AI in Scientific Research

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The adoption of generative AI (genAI) to create scientific content carries significant risks for multiple stakeholders both on the input and the output level. On the input level, the scraping of copyrighted data used for genAI training and the unpaid labor hidden beneath can harm data and intellectual property owners. On the output level, the potential spread of misinformation, fraud, and the reinforcement of systemic biases can have detrimental consequences for individuals and society at large. This impulse highlights these concerns and provides us with ethical considerations to keep in mind for our workshop.

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