



Academic Libraries and the Generative AI Revolution:

学术图书馆与生成式AI革命:

Navigating the Future of Open Access Research

开放获取研究的未来

Presenter: Leo S. Lo (卢世豪)

Dean, University of New Mexico

新墨西哥大学院长

Generative AI – A Brief Overview

生成式AI——简要概述

- Definition of Generative AI (生成式AI 定义)
 - Explanation of the concept (概念)
 - Examples of generative AI technologies (生成式AI技术实例)
- Current landscape (当前的情况)



The Intersection of Generative AI and Open Access Research (生成式AI与开放获取研究的交叉点)



- The rise of AI in research (AI的崛起)
 - Adoption of AI in different research fields (在不同研究领域的应用)
 - Examples of AI-driven research (驱动研究的实例)
- The shift towards Open Access in research (研究向开放获取的转变)
 - Explanation of Open Access (开放获取)
 - Benefits of Open Access for research and society (开放获取对研究和社会的好处)
- Generative AI's implications for Open Access research (生成式AI对开放获取研究的影响)
 - Potential benefits and challenges (好处和挑战)
 - Current examples and future potential (当前实例和未来潜力)

The Role of Academic Libraries in Promoting Open Access AI-Driven Research (学术图书馆在推动开放获取AI驱动研究中的角色)

- Libraries as hubs for research resources and AI tools (图书馆作为研究资源和AI工具的中心)
 - Explanation of the existing role of libraries (图书馆作为研究资源和AI工具的中心)
 - Expanding this role to include AI tools and resources (扩大这个角色以包括AI工具和资源)
- Libraries as providers of AI training and support (图书馆作为AI培训的提供者)
 - Importance of technical skills development (技术技能开发的重要性)
 - Strategies for providing this support (策略)
- Libraries as facilitators for collaboration and community building (图书馆作为社区建设的促进者)
 - Libraries as neutral spaces for cross-disciplinary collaboration (作为跨学科协作的中立空间)
 - Strategies for fostering community building (策略)



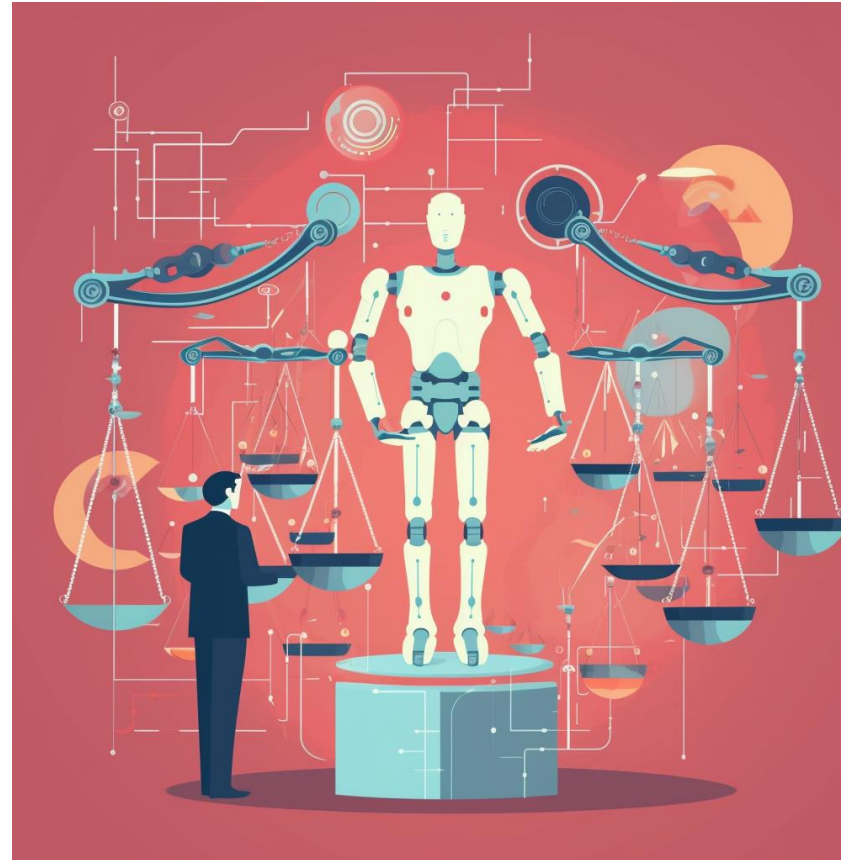
AI, Open Access Publishing, and Implications (AI、开放获取出版的影响)



- Open Access publishing and AI (开放获取出版和AI)
 - AI's potential in streamlining the Open Access publishing process (AI在简化开放获取出版过程中的潜力)
 - Importance of accessible research for AI applications (AI应用对研究的重要性)
- Implications of openly accessible content
 - Broadening access to knowledge and potential for diverse research applications of AI (拓宽知识)
 - The necessity to minimize the digital divide in AI-driven Open Access research (减少数字鸿沟的必要性)

Fostering Ethical AI Practices (AI道德)

- Importance of promoting ethical AI use in Open Access research (在开放获取研究中推广道德AI使用的重要性)
 - Role of libraries as educators and guides for ethical considerations (图书馆作为道德教育者和指导者的角色)
 - Need for ethical guidelines and policies (道德指导原则)



Cross-National Collaboration - China and the US (跨国合作 - 中国与美国)



- Importance of knowledge exchange between different geographical contexts (不同地理环境之间知识交流的重要性)
- Sharing of resources and tools across borders (跨国界共享资源和工具)
- Role of libraries in policy advocacy and development of joint guidelines (政策倡导和共同指南)

Conclusions 结论

- Summary of main points 主要观点总结
- Future prospects for generative AI in research 生成式AI在研究中的未来前景
 - Opportunities and challenges ahead 未来的机会和挑战