

euroCRIS Strategic Membership Meeting 2024

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Title: The AI4CRIS working group: Leveraging Artificial Intelligence to Enhance Research Information Systems

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Introduction

The integration of Artificial Intelligence (AI) into Research Information Systems (CRIS) represents a transformative advancement in the management and utilization of research data. AI technologies, such as machine learning, natural language processing, and predictive analytics, offer powerful tools for data analysis, pattern recognition, and decision support. These capabilities can significantly enhance the efficiency and effectiveness of CRIS by automating routine tasks, uncovering hidden insights, and providing predictive models that inform strategic decisions.

In the context of research information management, AI can streamline data curation, improve metadata accuracy, and facilitate the discovery of research trends and collaborations. By leveraging AI, institutions can better manage their research outputs, optimize resource allocation, and enhance the visibility and impact of their research activities. The potential benefits of AI in CRIS are vast, making it a critical area of focus for institutions aiming to stay at the forefront of research innovation.

Creation of the AI4CRIS Working Group

Following the productive discussions at the CRIS2024 conference session on AI and CRIS systems, we have launched the AI4CRIS working group. This initiative, coordinated by euroCRIS, aims to explore and implement AI-driven solutions to enhance CRIS functionalities. Our key objectives, which will be refined based on the input and expertise of our members, include:

1. **Survey and Initial Findings:** We have prepared a survey to gather input from euroCRIS members on current AI usage and the challenges faced by their institutions. The results of this survey will provide initial valuable insights and will be discussed at the SMM in Paris.
2. **Use Case Development:** One of our goals is to develop concrete use cases demonstrating the application of AI in CRIS. These use cases will serve as practical examples of how AI can improve research information management.
3. **State-of-the-Art Analysis and Recommendations:** We also aim to produce a comprehensive paper analyzing the current state of AI in CRIS and providing recommendations for future developments. This paper will be based on the survey findings and contributions from our members.
4. **Periodic Meetings:** We plan to hold regular online meetings to discuss progress, share insights, and plan future activities. These meetings will provide a platform for continuous collaboration and knowledge exchange among members.

Conclusion

The AI4CRIS working group represents a unique opportunity to harness the potential of AI in enhancing CRIS. Through collaborative efforts and shared expertise, we aim to propose innovative solutions or proposals that will benefit the entire research community. We will invite researchers, CRIS administrators, techs, university leaders, and other stakeholders to join the AI4CRIS working group.