Responsible Information Access: Fairness, Harmlessness, Sustainability, and More

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ABSTRACT

In this panel, we will discuss topics related to responsible information access (IA) - especially evaluating responsible IA. First, our panelists Haruka Maeda (Kyoto University), Paul Thomas (Microsoft), and Mark Sanderson (RMIT University) will each give a brief position talk. Next, we will have the panelists and audience discuss (a) Evaluating LLM-based IA responses; and (b) Evaluating societal impacts in the LLM-based IA era. Some relevant keywords: handling hallucinations and harmful responses, fairness, inequity, worker exploitation, environmental impact, bad research practices.

BIOGRAPHY

Tetsuya Sakai is a professor at the Department of Computer Science and Engineering, Waseda University, Japan. He is also a General Research Advisor of Naver Corporation, Korea (2021-), and a visiting professor at the National Institute of Informatics, Japan (2015-). He spent 20 years in industry, including 1.5 years at the University of Cambridge as a visiting researcher from Toshiba, and 4.5 years at Microsoft Research Asia. He has subsequently spent 10 years in academia so far. He is an ACM distinguished member and an IPSJ Fellow. In 2023, he was inducted into the SIGIR Academy.

Haruka MAEDA is a program-specific researcher at Graduate School of Law in Kyoto University, who is interested in discrimination by algorithms. Her mater's thesis at Graduate School of Interdisciplinary Information Studies of Tokyo University in Japan, focusing on the wrongness of algorithmic discrimination from the viewpoint of philosophical theory of discrimination, which won the Encouragement Award of the "Telecommunications advancement Foundation Award 2021".

Paul Thomas is a senior applied scientist at Microsoft, where he works on measurement for Bing. His research is in information retrieval: particularly in how people use web search systems and how we should evaluate these systems, as well as interfaces for search including search with different types of results, search on mobile devices, and search as conversation.

Mark Sanderson is a Professor of Information Retrieval at RMIT University (RMIT), Dean of Research and Innovation in RMIT's STEM College and head of the RMIT Information Retrieval (IR) group. Prof Mark Sanderson is also a Chief Investigator at the RMIT University node of the ARC Centre of Excellence for Automated Decision-Making & Society (ADM+S). He has raised over $50 million dollars in grant income, published over 250 papers, and over 13,000 citations to his work. His research is in the areas of search engines, recommender systems, user, data, and text analytics.