

# Three views of a secret: Embracing multiple perspectives in the evaluation of information retrieval and recommender systems

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## Abstract

As users are increasingly confronted with information and choice overload, we need the ‘right’ information, at the ‘right’ time, in the ‘right’ place, in the ‘right’ way, to the ‘right’ person. Information retrieval and recommender systems are effective means to address this goal. When optimizing and evaluating such systems, we often disregard that a ‘typical’ user is not the only stakeholder interested in a well-functioning system. Beyond ignoring the needs of specific stakeholders, this eventually leads to a malfunctioning system for anyone. In this talk, I will demonstrate that we need to consider the demands of the various stakeholders and provide insights into how we can embrace those needs when evaluating our systems.

## Speaker Bio

Christine Bauer is EXDIGIT Professor of Interactive Intelligent Systems at the Department of Artificial Intelligence and Human Interfaces (AIHI) at the Paris Lodron University Salzburg, Austria. Her research centers on interactive intelligent systems, where she integrates research on intelligent technologies, the interaction of humans with intelligent systems, and their interplay. In recent years, she worked on context-aware recommender systems in the music and media domains. The core interests in her research activities are fairness in algorithmic decision-making and multi-method evaluations. She has authored more than 100 papers and holds several best paper awards and several awards for her reviewing activities. She is on the Editorial Board of ACM Transactions on Recommender Systems (TORS) and co-organizes the Workshop series “Perspectives on the Evaluation of Recommender Systems (PERSPECTIVES)”.

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