Tim Gollub   Jason Brockmeyer   Benno Stein   Martin Potthast

Dynamic Exploratory Search for the IR Anthology

IR-Anthology. The IR-Anthology currently contains 62846 papers on the study of information retrieval.

Overview.

Four basic views:
(1) landing page with an overview of all venues;
(2) volume pages listing all publications of a venue and year;
(3) publication pages showing metadata about a given publication;
(4) author profile pages with their respective publications.

https://ir.webis.de

Closed-World Search.

To allow users to easily search the IR Anthology, we provide a dedicated search index accessible via our search engine ChatNoir.

Search results 1–10 for *"exploratory search"*   Total results: 948 (retrieved in 1,373 ms)

doi.org/10.1145/2663714.2668049
Supporting **Exploratory Search** Through Interaction Modeling
Athukorala · CIKM · 2014
Our second step involved implementing an IR system that can support **exploratory search** using existing techniques. In **exploratory search**, users have no clear goals.

doi.org/10.1145/3269206.3269297
How Consistent is Relevance Feedback in **Exploratory Search**?
Medlar and Glowacka · CIKM · 2018
For **exploratory search**, however, the distribution of consistency scores shows considerable inconsistency. **Search** activities are broadly categorised into lookup and **exploratory search** tasks .

doi.org/10.1145/1390334.1390389
Algorithmic mediation for collaborative **exploratory search**
Pickens et al. · SIGIR · 2008
To test our ideas about algorithmic mediation for collaborative **exploratory search**, we implemented a proof of concept system built for video **search**.

https://ir.chatnoir.eu/

Community Introspection.

To enable community introspection through exploratory and quantitative publication analysis, we now also provide a dynamic exploratory search engine.

Our system design is driven by the assumption that users of the faceted search engine are not merely interested in relevant documents but, beyond that and foremost, in the **analytical statements** that can be made about them.
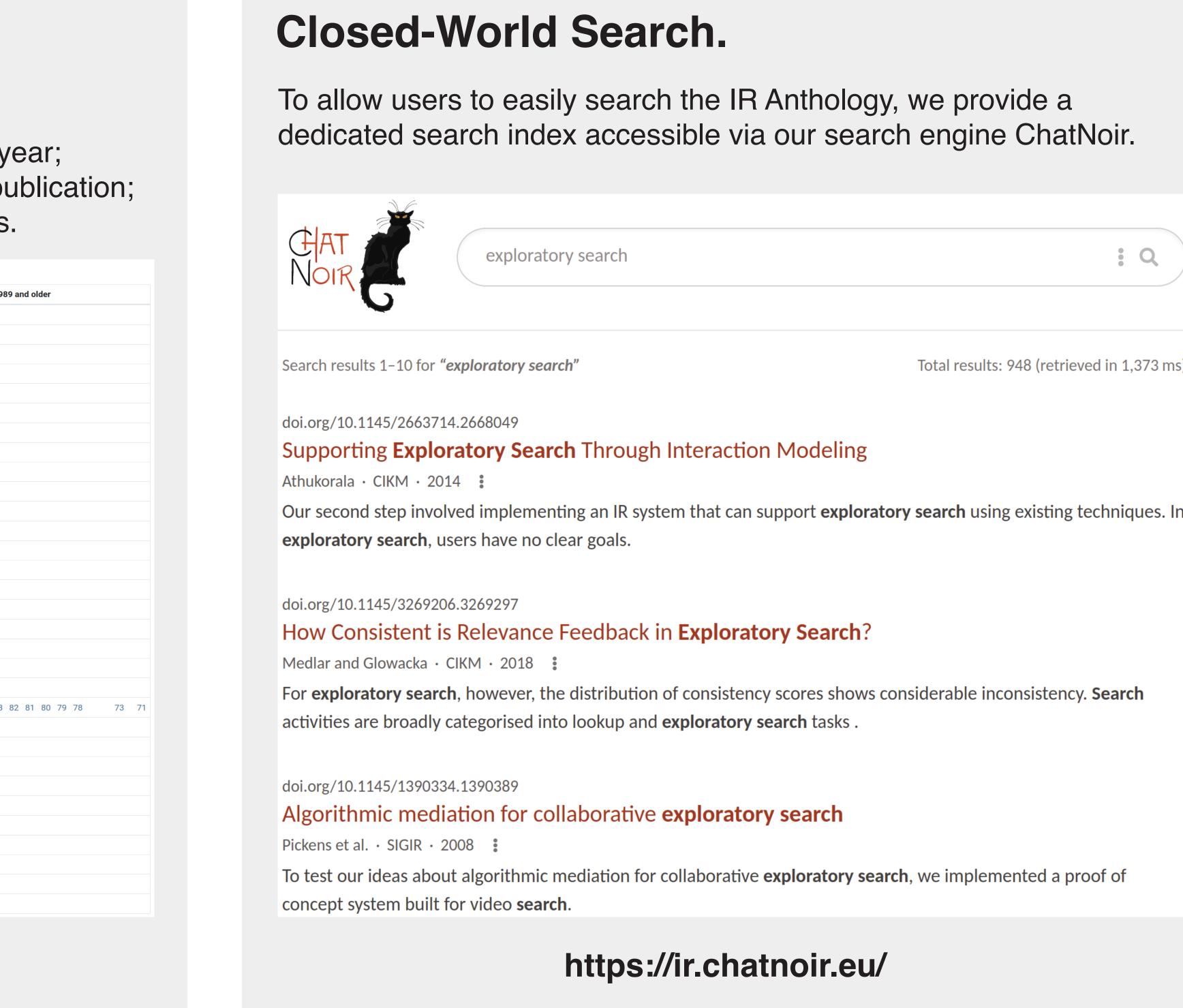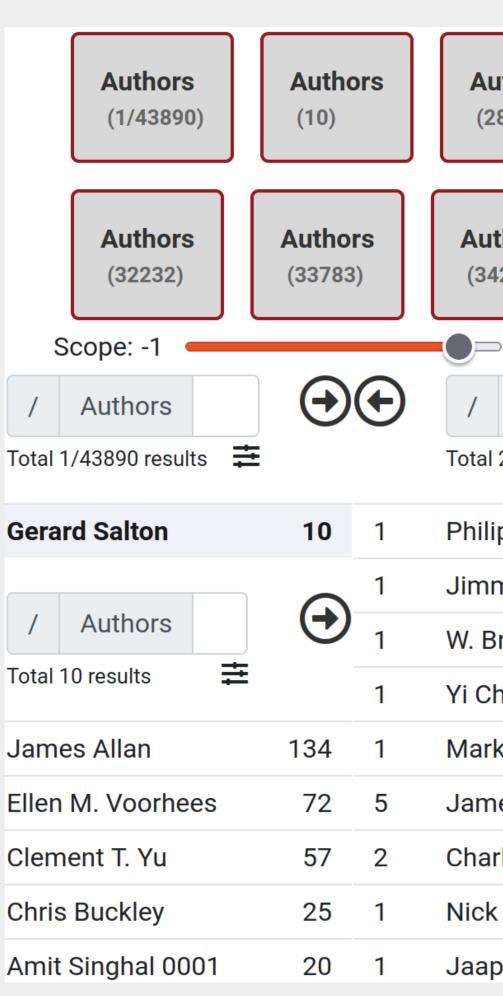
https://ir-analytics.web.webis.de

Example Query 1: Active Researchers.

Three screenshots showing how to construct a search query that reveals the authors (right) who published at any of seven selected IR conferences (middle) in two recent years (left), ordered by number of publications.

Example Query 2: Salton Number.

Collage of screenshots illustrating the co-author graph of Gerard Salton which can be obtained by a series of Authors facets with a scope of -1. The facet views show the result of the first four Authors facets (from top left to bottom right).

Leipzig University   Bauhaus-Universität Weimar