2nd Bibliometric-enhanced Information Retrieval (BIR) workshop

Philipp Mayr, Ingo Frommholz, Peter Mutschke, Andreas Scharnhorst

ECIR 2015, Vienna (Austria)
2015-03-29

http://www.gesis.org/en/events/conferences/ecirworkshop2015/
http://ceur-ws.org/Vol-1344/

Who we are

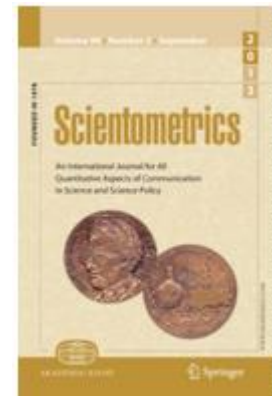Andrea Scharnhorst   Peter Mutschke   Ingo Frommholz

Philipp Mayr

- Successful workshop at ISSI 2013 „Combining Bibliometrics and Information Retrieval" and **ECIR 2014,** the 1st BIR workshop
- Our interests include information retrieval, information seeking, science modeling, network analysis, information visualization, and digital libraries...

News

- Special Issue on „**Combining bibliometrics and information retrieval**" appeared
- Editorial + 8 papers
- Volume 102, Issue 3, March 2015

- http://link.springer.com/journal/11192/102/3/page/2

Why is the workshop at ECIR?
Workshop ideas

- We aim to raise awareness of the **missing link** and to create a common ground for the **incorporation of bibliometrics/science modeling and retrieval in digital libraries.**

- After ISSI, moving to the core-IR community

- The goal is to

  - explore how statistical modelling of scholarship, such as Bradfordizing or network analysis of co-authorship network, can **improve retrieval services**

  - **apply insights from bibliometrics, scientometrics, and informetrics** to practical problems of retrieval and browsing in Digital Libraries

Workshop Agenda

- Introduction

- Keynote by Guillaume Cabanac

- Paper Session Block 1: <u>Citation Contexts</u>

  - Anna Dabrowska and Birger Larsen: **Exploiting Citation Contexts for Physics Retrieval**

  - Marc Bertin and Iana Atanassova: **Factorial Correspondence Analysis Applied to Citation Contexts**

  - Group discussion

- Break

10 min for each paper!

30 min group discussions!

Workshop Agenda

- Paper Session Block 2: <u>Applications and Evaluation</u>
  - Ian Wesley-Smith, Ralph Dandrea and Jevin West: **An Experimental Platform for Scholarly Article Recommendation**
  - Zeljko Carevic and Philipp Mayr: **Extending search facilities via bibliometric-enhanced stratagems**
  - Muhammad Kamran Abbasi and Ingo Frommholz: **Polyrepresentative Clustering: A Study of Simulated User Strategies and Representations**
  - Group discussion
- Summary
- Welcome Reception (Foyer) (starts at 5:30 pm)

Group discussions

Take notes while discussing the papers, somebody should summarize results for each paper block

- Group A – Bibliometrics ++
- Group AB – Bibliometrics +
- Group B – Bibliom. + IR
- Group BC – IR +
- Group C – IR ++

Group discussions

1. Who are the clients for "Bibliometrics-meets-IR"?

2. Could "Bibliometrics-meets-IR" reach out to information visualization? If yes, how?

3. Where do you see open research question? How can these be addressed?

4. How can we stabilize the link between Bibliometrics and Information Retrieval?

Outlook

- We will share all resources on the workshop website

- Special issue in IJDL (Ingo Frommholz)

- What did you like?

- Follow-up workshop next year? SIGIR? Hackathon?

Thank you

Contact:

Dr Philipp Mayr

GESIS – Leibniz Institute for the Social Sciences, Germany

Email: philipp.mayr@gesis.org

Twitter: @philipp_mayr

- Workshop website
  http://www.gesis.org/en/events/conferences/ecirworkshop2015
- CEUR Workshop Proceedings
  http://ceur-ws.org/Vol-1344/