3rd Bibliometric-enhanced Information Retrieval (BIR) workshop

Philipp Mayr, Ingo Frommholz, Guillaume Cabanac

ECIR 2016, Padua (Italy)

2016-03-20

http://www.gesis.org/en/events/events-archive/conferences/ecirworkshop2016/
Proceedings: http://ceur-ws.org/Vol-1567/
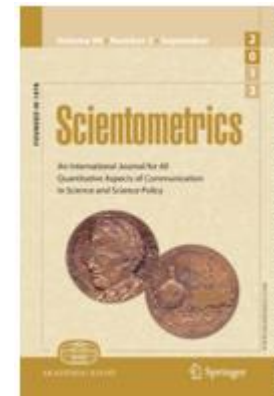
Who we are

Guillaume Cabanac

Ingo Frommholz

Philipp Mayr

- Successful workshop at ISSI 2013 „Combining Bibliometrics and Information Retrieval" and **ECIR 2014, 2015**, Computational Linguistics and Bibliometrics 2015 (ISSI 2015)
- 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**" published
- Editorial + 8 papers
- Scientometrics
  Volume 102, Issue 3, March 2015

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

Why is the workshop at ECIR? Workshop ideas …

- 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 I

- Keynote by Marijn Koolen: **Bibliometrics in Online Book Discussions: Lessons for Complex Search Tasks**

- Paper Session Block 1: Text and Reference Mining
  - Marc Bertin and Iana Atanassova. **Weak Links and Strong Meaning: The Complex Phenomenon of Negational Citations**
  - Andi Rexha, Stefan Klampfl, Mark Kröll and Roman Kern. **Towards a more fine grained analysis of scientific authorship: Predicting the number of authors using stylometric features**
  - Giovanni Colavizza, Matteo Romanello and Frederic Kaplan. **The References of References: Enriching Library Catalogs via Domain-Specific Reference Mining**
  - group discussion

- Break

Workshop Agenda II

- Paper Session Block 2: Bibliometrics - IR-Tools
  - Rosa Padrós-Cuxart and Francesc March-Mir. *Bibliometrics*: **a Publication Analysis Tool**
  - Nguyen Minh Tien and Cyril Labbe. **Engineering a Tool to Detect Automatically Generated Papers**
  - Group discussion
- Summary

Workshop Agenda III

- Paper Session Block 3:
  - Howard White. **Bag of Works Retrieval: TF*IDF Weighting of Co-cited Works**
  - Birger Larsen and Christina Lioma. **On the Need for and Provision for an 'IDEAL' Scientific Information Retrieval Test Collection**
  - Group discussion
  - Conclusions, feedback and further steps
- Welcome Reception (starts at 6:30 pm)

Questions for group discussions
by Marijn Koolen

- What task types can be supported by bibliometric techniques?

- What is the value of different types of citations for (co-)citation analysis and for various steps in complex search tasks?

- How can (multistage) interfaces support such complex search tasks?

- How can information need be effectively represented through ... ?

Outlook

- Call for BIRNDL workshop at JCDL 2016
  http://wing.comp.nus.edu.sg/birndl-jcdl2016/
  Deadline: 15 April 2016

- We will share all resources on the workshop website
- Special issue in IJDL (Ingo Frommholz)
- What did you like?
- Suggestions ...

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/events-archive/conferences/ecirworkshop2016/
- CEUR Workshop Proceedings
  http://ceur-ws.org/Vol-1567/