

Curriculum Vitae

Dr. Philipp Mayr



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Philipp Mayr is a postdoctoral researcher and team lead at the GESIS department Knowledge Technologies for the Social Sciences (WTS). Since October 2009 he teaches as a visiting professor for knowledge representation at University of Applied Sciences in Darmstadt, Department of Information Science & Engineering. Philipp Mayr is a graduate of the Berlin School of Library and Information Science at Humboldt University Berlin where he finished his doctoral research in 2009. He studied LIS, computer science and sociology. Since November 2004, he has been working in the internationally recognized projects "Competence Center Modeling and Treatment of Heterogeneity" (KoMoHe) and "Value-Added Services for Information Retrieval" (IRM) as a researcher and principal investigator. Philipp Mayr published in the areas Informetrics, Information Retrieval and Digital Libraries and is a member of the Networked Knowledge Organization Systems/Services (NKOS) European network. He is member of the editorial board of the information science journals Scientometrics and Information Wissenschaft & Praxis. He serves frequently as a reviewer for various journals and international programme committees.

Research interests: knowledge representation, non-textual ranking, bibliometric and scientometric methods, science models in digital libraries, evaluation of information systems, user studies, applied informetrics, information retrieval, semantic technologies, information behavior

Personal Details

Married, Residing in Bonn, Germany

Dr. phil.

M.A. in Library and Information Science, Computer Science, Social Sciences
(Humboldt-Universität zu Berlin)

Education

February 2009

Graduation: Dr. phil. from Humboldt-Universität zu Berlin, Berlin School of Library and Information Science

Doctoral Thesis: "Re-Ranking auf Basis von Bradfordizing für die verteilte Suche in Digitalen Bibliotheken"

Supervisor: Prof. Dr. W. Umstätter (Humboldt-Universität zu Berlin)

Co-Referent: Prof. Dr. J. Krause (GESIS and Universität Koblenz)

Grade "Magna cum laude"

2005-2008

Doctoral studies in the research group of Jürgen Krause "Modeling and Treatment of Heterogeneity" at GESIS - Leibniz Institute for the Social Sciences, Germany

March 2004

Graduation: Magister Artium (M.A.), Humboldt-Universität zu Berlin

Masters Thesis: „Entwicklung und Test einer logfilebasierten Metrik zur Analyse von Website Entries am Beispiel einer akademischen Universitäts-Website“

Grade 1.4

1997-2004

Studies of Library and Information Science, Computer Science and Social Sciences at Humboldt-Universität zu Berlin, Germany

1995-1996

Mandatory civil service at „Asklepios Nordseeklinik Westerland“

1995

Graduation: Abitur

1986-1995

Gymnasium Landschulheim Ising in Ising/Chiemsee (high school), Bavaria, Germany

Scientific Career

since 02.2011

Deputy department head at GESIS, department “Knowledge technologies for the Social Sciences”

since 07.2010

Team leader at GESIS, Germany, leading the team “Portals and Value-added Services” with eight computer scientists and doctoral students

10.2009-08.2011

Visiting professor for knowledge representation at Hochschule Darmstadt, Germany

since 02.2009

Postdoctoral Researcher at GESIS, Germany

11.2004-01.2009

Research associate in the research group “Competence Center Modelling and Treatment of Heterogeneity” of Prof. J. Krause, Department: research and development at GESIS, Germany

04.2001-10.2004

IT consultant at HiSolutions AG, Berlin

2000

Freelance work and student information broker/database indexer

1998-2000

Industrial internships during studies:

- 3 months as trainee at DG Bank, Manhattan, New York City, USA
- 1 month internship at DG Bank, Frankfurt am Main, Germany
- 12 months student employee and tutor at the Institute of Library Science, department Distance Learning at Humboldt-University Berlin, Germany

Languages

- **German:** native
- **English:** business fluent
- **French:** basic

Scientific Project Management

In preparation

Linking Science with Uni Mannheim, UB Mannheim, ZBW

Main work: Project acquisition

In preparation

ebooks for scientists at GESIS

Role: project lead, coordination with department FIS

Main work: Project acquisition

In preparation

An automatic citation index for the Social Sciences at GESIS

Role: project development, coordination with department FIS

Main work: Project acquisition

In preparation

Applikationslabor Web 3.0 at GESIS

Role: project lead

Main work: Project acquisition

Since 06.2011

AllRE project at Hochschule Darmstadt, department media

Role: project lead, principal investigator

Main work: Project acquisition

Since 05.2011

IRM II at GESIS

Role: project lead, principal investigator

Main work: Project acquisition

Since 05.2011

Effektiv! project at GESIS

Role: Technical lead, coordination with department FIS

Since 05.2011

Entwicklung und Veränderungsdynamik eines heterogenen sozialwissenschaftlichen Feldes am Beispiel der Bildungsforschung (SAW project) at GESIS

Role: Technical lead, coordination with department FIS

Main work: Project acquisition

Since 04.2011

SSOAR¹ II at GESIS

Role: project lead, coordination with department FIS

Main work: Project development

Since 10.2010

sowiport² at GESIS

Role: technical lead, coordination with department FIS

Main work: Project development, specification of new services and features

¹ <http://www.ssoar.info/>

² <http://www.gesis.org/sowiport>

01.2009-12.2010

DFG-Project “[Information retrieval value-added services](#)” (IRM)³ at GESIS

Role: Postdoctoral researcher (PostDoc), project lead, principal investigator

Main work: Implementation and evaluation of value-added services for digital libraries, semantic services

11.2004-12.2008

Project “[Competence Center Modelling and Treatment of Semantic Heterogeneity](#)” (KoMoHe⁴)

Role: Research Associate, principal investigator

Main work: Terminology mapping of controlled vocabularies, modeling of digital libraries, informetric analyses in academic databases, semantic service for controlled vocabularies (see heterogeneity service in sowiport and vascoda), information retrieval evaluation in distributed and heterogeneous search environments

Awards

VFI-Förderungspreis 2009: Preis für herausragende akademische Abschlussarbeiten in der Informationswissenschaft

Further Activities

05.2011

Leading the „AG Thesauri“ at GESIS

05.2010

Member of the Networked Knowledge Organization Systems/Services (NKOS) European network

Teaching

Lecture Courses and Seminars

- **Thesauri and Ontologies**, Hochschule Darmstadt, bachelor course with exercises, SS 2010, 2011
- **Social Web and Bibliometry**, Universität Koblenz, Summer Academy with exercises, SS 2010, SS 2011
- **Information Seeking Behavior**, Hochschule Darmstadt, master course, SS 2011
- **Indexing and Abstracting**, Hochschule Darmstadt, bachelor course with exercises, WS 2009-10, WS 2010-11
- **Relational Model and SQL**, Hochschule Darmstadt, bachelor course with exercises, WS 2009-10
- **Thesauri and Controlled Vocabularies for Information Retrieval**, Hochschule Anhalt, master course, SS 2008, 2009, 2010
- **Terminology Work - the example cross-concordances**, Hochschule Darmstadt, bachelor course, WS 2009-10

³ <http://www.gesis.org/forschung-lehre/programme-projekte/informationswissenschaften/projektuebersicht/irm/>

⁴ <http://www.gesis.org/forschung-lehre/programme-projekte/informationswissenschaften/projektuebersicht/komohe/>

- **Value-Added Services for Information Retrieval**, Hochschule Darmstadt, master course, WS 2009-10, SS 2010
- **Analysis of the Social Web**, Hochschule Darmstadt, bachelor course, SS 2010
- **Evaluation of Retrieval Services: an introduction**, Hochschule Darmstadt, bachelor course, WS 2010-11

Supervision of PhD thesis

- Philipp Schaer ongoing at GESIS
- Daniel Hienert ongoing at GESIS
- Frank Sawitzki ongoing at GESIS
- Mark Thamm ongoing at GESIS
- Holger Heuser ongoing at GESIS
- Wilko van Hoek ongoing at GESIS

Supervision of Bachelor and Master thesis

- at Hochschule Bonn-Rhein-Sieg, department computer science
- at Hochschule Darmstadt, department information science and engineering

Selected publications

All publications and full texts can be found under <http://www.ib.hu-berlin.de/~mayr/>.

All publication since 2008 can be found in <http://www.mendeley.com/profiles/philipp-mayr/>

See all publications in a separate list.

Mutschke, P., Mayr, P., Schaer, P., & Sure, Y. (2011). Science Models as Value-Added Services for Scholarly Information Systems. *Scientometrics*.

[This paper will appear in the top 10 publications list of GESIS 2011]

Mayr, P., Mutschke, P., Petras, V., Schaer, P., & Sure, Y. (2011). Applying Science Models for Search. In J. Griesbaum, T. Mandl, & C. Wormser-Hacker (Eds.), *12. Internationales Symposium für Informationswissenschaft (ISI 2011)* (pp. 184-196). Hildesheim: vwh Verlag Werner Hülsbusch. Retrieved from <http://www.ib.hu-berlin.de/~mayr/arbeiten/ApplyingScienceModels-ISI11.pdf>.

Mayr, P. (2010). *Information Retrieval-Mehrwertdienste für Digitale Bibliotheken: Crosskonkordanzen und Bradfordizing* (p. 270). Bonn: GESIS. Retrieved from <http://www.buchhandel.de/detailansicht.aspx?isbn=9783868190120>.

Mayr, P., & Petras, V. (2008). Cross-concordances: terminology mapping and its effectiveness for information retrieval. *74th IFLA World Library and Information Congress*. Québec, Canada: IFLA. Retrieved from http://www.ifla.org/IV/ifla74/papers/129-Mayr_Petras-en.pdf.

[This paper appeared in the top 10 publications list of GESIS 2008-2010]

Mayr, P., & Umstätter, W. (2007). Why is a new Journal of Informetrics needed? *Cybermetrics*, 11(1). Retrieved from <http://www.cindoc.csic.es/cybermetrics/articles/v11i1p1.html>.

Mayr, P., & Walter, A.-K. (2007). An exploratory study of Google Scholar. *Online Information Review*, 31(6), 814-830. Retrieved from <http://www.ib.hu-berlin.de/~mayr/arbeiten/OIR31-6.pdf>.

Lewandowski, D., & Mayr, P. (2006). Exploring the academic invisible web. *Online Information Review*, 24(4), 529-539. Retrieved from <http://www.ib.hu-berlin.de/~mayr/arbeiten/LHT-2006.pdf>.