
PERSONAL INFORMATION

Name Janette Lehmann
Address Jägerstraße 63B, 10117 Berlin, Germany
Telephone +49 176 – 24 66 93 73
E-Mail jnt.lehmann@gmail.com
Website www.janette-lehmann.de
Date of birth December 08, 1982
Nationality German



WORK EXPERIENCE

- Since 03/2015 **Visiting scientist at Freie Universität Berlin**
Berlin, Germany
- Analysis of ontology engineering in Wikidata
 - Finishing running projects
- 01/2011 – 02/2015 **Research scientist at Yahoo Labs**
Barcelona, Spain
- Analysis of browsing behavior of users on websites
 - Development of methods and KPI's to measure user engagement
 - Evaluation of the outcomes using large data collections
- 02/2014 – 04/2014 **Internship at Yahoo Labs**
London, UK
- Analysis of the effect of online advertising on user engagement
 - Development of a model to identify high quality ads (implemented in Yahoo Gemini)
- 11/2012 – 02/2013 **Internship at the Qatar Computing Research Institute**
Doha, Qatar
- Development of a model for the identification of story-related articles and curators in Twitter
- 10/2009 – 12/2010 **Research assistant at ISI Foundation**
Turin, Italy
- Analysis of topic development in Twitter
 - Analysis of dependencies between user navigation and semantic relations in Wikipedia
- 06/2007 – 12/2010 **Participant in the SONIVIS project**
Berlin, Germany
- Development of an open source software for the analysis of collaboration-based systems (e.g., Wikis, Folksonomies)
 - Analysis of topic development in Wikis
- 03/2008 - 10/2009 **IT-Freelancer**
Berlin, Germany
- Design of catalogs, flyers, brochures, posters
 - Development of a software for the potential analysis of customers
 - IT-Administration

JANETTE LEHMANN
PH.D. COMPUTER SCIENCE

- 02/2007 - 02/2008 **Member of a „Server Load Balancing“ working group**
University of Potsdam, Potsdam, Deutschland
- Evaluation of load balancing algorithms of a dispatcher
 - Development of a test environment, definition of test cases
- 04/2007 - 12/2007 **Working student at Nokia Siemens Networks**
Department of Operations and Business Software, Berlin, Germany
- Creating a dynamic department website
 - Development of scripts for automatic work flows
- 11/2002 - 03/2007 **Working student at Siemens AG**
Department of Information and Communication Mobile, Berlin, Germany
- Development of a software for managing error messages
 - Development of a software for managing employees' holidays
- 08/2000 - 08/2002 **Working student at Siemens AG (during school vacations)**
Department of Information and Communication Mobile, Berlin, Germany
- Development of scripts for automatic work flows
 - Maintenance of the department website

EDUCATION

- 01/2011 – 02/2015 **Ph.D. in Computer Science**
Universitat Pompeu Fabra, Barcelona, Spain
Grade: Excellent with summa cum laude
- 10/2002 - 09/2009 **Diploma in Computer Science**
University of Potsdam, Potsdam, Germany
Grade: Excellent with mention
- 08/1995 - 06/2002 **Abitur**
Gymnasium Templin, Templin, Germany
Grade: Good

AWARDS AND HONORS

- 2014 **Ted Nelson Newcomer Award**
Hypertext, Santiago, Chile
Award for publishing the best paper written by authors who have never published in earlier Hypertext proceedings
- 2010 **Nomination for Jacob-Jacobi Award**
University of Potsdam, Potsdam, Germany
Nominated for the best degree at the faculty of mathematics and natural sciences
- Leonardo Da Vinci Scholarship**
Lifelong Learning Programme
Support for my practical stay at the ISI Foundation (Italy).

2002 **Student Award in Physics**
Germany Physical Society e.V.
Award for excellence achievements in the subject Physics

PUBLICATIONS

- 2015 M. Lalmas and J. Lehmann. *Models of User Engagement*. In H. L. O'Brien and M. Lalmas (Eds.), *Why Engagement Matters: Cross-disciplinary Perspectives and Innovations on User Engagement with Digital Media*. Springer, 2015, in progress.
- J. Lehmann, C. Castillo, M. Lalmas, and R. Baeza-Yates. *Story-Focused Reading in Online News*. Submitted for publication.
- C. Müller-Birn, B. Karran, J. Lehmann, and Luczak-Rösch: *Peer-production system or collaborative ontology development effort: What is Wikidata?* In Proceedings of the International Symposium on Open Collaboration (OpenSym), 19-21 August 2015, San Francisco, USA.
- M. Lalmas, J. Lehmann, G. Shaked, F. Silvestri, and G. Tolomei. *Promoting Positive Post-click Experience for In-Stream Yahoo Gemini Users*. In Proceedings of the ACM International Conference on Knowledge Discovery and Data Mining (SIGKDD Industry Track), 10-13 August 2015, Sydney, Australia.
- J. Lehmann, M. Lalmas, and R. Baeza-Yates. *Measuring Inter-Site Engagement*. In V. Govindaraju, V. V. Raghavan, and C. R. Rao (Eds.), *Handbook of Statistics*, Elsevier, 2015.
- 2014 J. Lehmann, C. Müller-Birn, D. Laniado, M. Lalmas, and A. Kaltenbrunner. *What and how users read: Transforming reading behavior into valuable feedback for the Wikipedia community*. Wikimania, 6-10 August 2014, London, UK.
- C. Müller-Birn, D. Laniado, M. Lalmas, and A. Kaltenbrunner. *Reader Preferences and Behavior on Wikipedia*. In Proceedings of ACM Conference on Hypertext and Social Media (HT), 1-4 September 2014, Santiago, Chile. The paper won the Ted Nelson Newcomer Award at the conference.
- 2013 J. Lehmann, M. Lalmas, G. Dupret, and R. Baeza-Yates. *Online Multitasking and User Engagement*. In Proceedings of ACM International Conference on Information and Knowledge Management (CIKM), 27 October - 1 November 2013, San Francisco, USA.
- J. Lehmann, M. Lalmas, R. Baeza-Yates, and E. Yom-Tov. *Networked User Engagement*. User Engagement Optimization Workshop at the ACM International Conference on Information and Knowledge Management (CIKM), 27 October - 1 November 2013, San Francisco, USA.

JANETTE LEHMANN
PH.D. COMPUTER SCIENCE

- E. Yom-Tov, M. Lalmas, R. Baeza-Yates, G. Dupret, J. Lehmann, and P. Donmez. *Measuring Inter-Site Engagement*. In Proceedings of the IEEE International Conference on Big Data (BigData), 6-9 October 2013, Santa Clara, USA.
- J. Lehmann, M. Lalmas, and R. Baeza-Yates. *Temporal Variations in Networked User Engagement*. TNETS Satellite Meeting at the European Conference on Complex Systems (ECCS), 16 – 20 September 2013, Barcelona, Spain.
- J. Lehmann, M. Lalmas, C. Castillo, and E. Zuckerman. *Transient News Crowds in Social Media*. In Proceedings of the International AAAI Conference on Weblogs and Social Media (ICWSM), 8-10 July 2013, Cambridge, USA.
- J. Lehmann, M. Lalmas, C. Castillo, and E. Zuckerman. *Finding News Curators in Twitter*. SNOW Workshop at the International Conference on World Wide Web (WWW), 13-17 May 2013, Rio de Janeiro, Brazil.
- 2012 J. Lehmann, M. Lalmas, E. Yom-Tov, and G. Dupret. *Models of User Engagement*. In Proceedings of the International Conference on User Modeling, Adaptation, and Personalization (UMAP), 16-20 July 2012, Montreal, Canada.
- J. Lehmann, B. Gonçalves, J. J. Ramasco, and C. Cattuto. *Dynamical Classes of Collective Attention in Twitter*. In Proceedings of the International Conference on World Wide Web (WWW), 16-20 April 2012, Lyon, France.
- E. Yom-Tov, M. Lalmas, G. Dupret, R. Baeza-Yates, P. Donmez and J. Lehmann. *The Effect of Links on Networked User Engagement*. Poster presentation at the ACM International Conference Companion on World Wide Web (WWW), 16-20 April 2012, Lyon, France.
- 2011 C. Müller-Birn, B. Meuthrath, A. Erber, S. Burkhart, A. Baumgraß, and J. Lehmann, R. Schmidl. *Seeing Similarity in the Face of Difference: Enabling Comparison of Online Production Systems*. Journal of Social Network Analysis and Mining (SNAM), 2011.
- 2009 C. Müller, J. Lehmann, and S. Jeschke. *A Composite Calculation for Author Activity in Wikis: Accuracy Needed*. In Proceedings of the IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology (WI-IAT), 15 – 18 September 2009, Milano, Italy.
- 2008 L. Schneidenbach, B. Schnor, J. Zinke, and J. Lehmann. *Self-Adapting Credit Based Server Load Balancing*. In Proceedings of the Conference on Parallel and Distributed Computing and Networks (PDCN), 12 – 14 April 2008, Innsbruck, Austria.

THESES AND REPORTS

- 2015 J. Lehmann. *From Site to Inter-site User Engagement: Fundamentals and Applications*. Ph.D. thesis, Universitat Pompeu Fabra, Department of Information and Communication Technologies, 25 February 2015.
- 2010 J. Lehmann. *Comparing link-based and content-based approaches of topic detection in Wikis using specific clustering algorithms*. Diploma thesis, University of Potsdam, Department of Computer Science, 11 March 2010, Potsdam, Germany.
- 2009 J. Lehmann. *Enhancing the Analysis in Wiki-Based Social Information Spaces applying Term Analysis*. Student research project, University of Potsdam, Department of Computer Science, 19 March 2009, Potsdam, Germany.
- 2008 J. Lehmann. *Evaluation of Load Balancing Algorithms of a Dispatcher by the example of the Linux Virtual Server*. Student research project, University of Potsdam, Department of Computer Science, 15 February 2008, Potsdam, Germany.
- 2007 A. Fahle, K. Haucke, J. Lehmann. *Development of the MediaWiki extension „Dependency Analyzer“*. Student research project, University of Potsdam, Chair of Business Information Systems and Electronic Government, 3 February 2007, Potsdam, Germany.

FURTHER ACTIVITIES

- 2015 Review for journal: *Pervasive and Mobile Computing*, Elsevier, March 2015.
- 2014 Member of the program committee at the International Conference on Social Informatics (SocInfo), 10-13 November 2014, Barcelona, Spain. I received a special mention for excellence in reviewing.
- 2013 Invited talk at the Dynamics on and of Complex Networks Satellite Meeting at the European Conference on Complex Systems (DOOCN ECCS). *User Engagement: The Network Effect Matters!* 18 September 2013, Barcelona, Spain.
- 2012 Talk at DAI Labor. *From Site to Network Engagement*. 31 August 2012, Berlin, Germany.
- Keynote at PATCH workshop at the International Conference on User Modeling, Adaptation, and Personalization (UMAP). *From Site to Network Engagement*. 17 July 2012, Montreal, Canada.
- Member of the program committee at the Wikipedia Academy: Research and Free Knowledge (WPAC), 29 June - 1 July 2012, Berlin, Germany.
- Member of the program committee at the ACM International Conference on Hypertext and Social Media (HT), 25-28 June 2012, Milwaukee, USA.
- Review for journal: *Transactions on Intelligent Systems and Technology (TIST)*, ACM, April 2012.

SKILLS AND COMPETENCES

Mother Tongue	German
Other Languages	English Business fluent Spanish, Italian, French Basic knowledge
Computer Skills	Data storage and access <ul style="list-style-type: none">• MySQL, SQLite, PostgreSQL, HDFS [excellent]• SparQL, Xampp [basic] Data analytics <ul style="list-style-type: none">• Apache Pig, R, Java, Python, Eclipse, Shell scripts [excellent]• Weka, MapReduce, Gephi [good] Visualization and reporting <ul style="list-style-type: none">• Tableau, ggplot2/R, Gnuplot, Illustrator, Photoshop [excellent]• PowerPoint, Latex, MS Office, OpenOffice [excellent]• JfreeChart, MS Visio [good] Additional <ul style="list-style-type: none">• Perl, PHP, PBS, VB Script, JavaScript, HTML [excellent]• AWK, SWI Prolog, C, C#, C++, Linux Virtual Server [good]• Mac OS X, Microsoft Windows [excellent]• Suse Linux, Debian Linux, Knoppix [good]
Data Mining Skills	Methodologies <ul style="list-style-type: none">• Web analytics, web mining [excellent]• Statistics [excellent]• Complex network analysis [excellent]• Machine learning [good]• Natural Language Processing [good] Competences <ul style="list-style-type: none">• Processing and analyzing large data collections (big data)• Interpretation of data and derivation of solutions• Development of KPI's and methods for performance evaluation• Development of regression models
Other Competences	Organizational and managerial skills <ul style="list-style-type: none">• Team/project leading experiences acquired through the management of smaller projects as part of my doctoral dissertation• Good organizational skills, because of the organization of smaller events in my spare time Artistic skills <ul style="list-style-type: none">• Design of flyers, brochures, posters and catalogs in my self-employed position in 2008/2009• Photography and image editing in my spare time Driving license <ul style="list-style-type: none">• Class B (Germany)