Georg J.P. Link

https://georg.link/

ⓘD orcid.org/0000-0001-6769-7867

SUMMARY

My research advances our knowledge in corporate engagement with open source projects. As corporate involvement increases, open source foundations provide guidance and support for open source projects. We only begin to understand the evolution of this triangular relationship. My current research focus is to inform this relationship through research into open source project health and new market mechanisms. My work has been accepted to the Communications of the Association for Information Systems, the Journal for Universal Computer Science, CSCW, ACM GROUP, Americas Conference on Information Systems, OpenSym, HICSS, CHAOSSCon, and MWAIS. My research has been supported by the Alfred P. Sloan Foundation, Mozilla, and the Linux Foundation.

I am engaged at both professional and university levels. I volunteered at various academic conferences, was a conference co-organizer for the 2017 Big XII+ MIS Symposium and 2018 CHAOSScon, am currently the Communications Chair for AIS SIGOPEN, and am an active member of the University of Nebraska at Omaha's BRIDGE Lab — a lab dedicated to the advancement of IT design, architecture, and education. Finally, I am an active member in the Linux Foundation CHAOSS project and the Mozilla Bugmark project.

EDUCATION

University of Nebraska at Omaha, Omaha, Nebraska, USA

- Ph.D. in Information Technology — planned 2019
  - Dissertation: Cooperative Signaling Behavior: Signals for Open Source Project Health
  - Advisor: Prof. Matt Germonprez
  - Focus: Open Source Community Health

- MBA – Master of Business Administration — 2013
  - Concentration: Collaboration Science
  - Cumulative GPA: 3.9 / 4.0

Technical University Braunschweig, Braunschweig, Germany

- M.S. in Business Informatics — 2014
  - Thesis: Evaluating Anchored Discussion as a New Tool for Creativity in Online Collaboration
  - Cumulative GPA: 1.3 (German grade translates to 3.7 / 4.0)

WelfenAkademie, Braunschweig, Germany

- B.A. in Business Administration — 2011
  - Concentration: Banking
  - Cumulative GPA: 1.8 (German grade translates to 3.2 / 4.0)

GRANT FUNDING

Total: $11,415.00

- $1,851.00 - Linux Foundation — 2018
  - Travel support to Open Source Summit Europe, Edinburgh, UK

- $805.00 - Linux Foundation — 2018
  - Travel support to Open Source Summit North America, Vancouver, Canada

- $2,441.00 - Mozilla — 2018
  - Travel support to ACM Collective Intelligence, Zurich, Switzerland

- $1,318.00 - Linux Foundation — 2017
  - Travel support to Open Source Summit North America, Los Angeles, CA, USA

- $5,000.00 - University of Nebraska at Omaha — 2017
  - Program: Graduate Research and Creative Activity (GRACA)
  - Proposal title: The Changing Nature of Volunteerism in Open Source Communities

SCHOLARSHIPS

- Hanns-Seidel-Stiftung — 2012 – 2014
- German Academic Exchange Service (DAAD) — 2012 – 2013
- College of Information Science and Technology, University of Nebraska at Omaha — 2015 – 2016

HONORS & AWARDS

- Doctoral Student Service Award, Association for Information Systems — 2017
- Best Paper Award, AIS SIG GlobDev — 2017

- Link, G. J.P., & Qureshi, S. (2017). The role of open source in new business formation: Innovations for development. In *Proceedings of the Twenty-third Americas Conference on Information Systems*. Boston.
  - Above and Beyond Excellence Award from UNO Student Government 2013
  - Rotary Youth Leadership Award (RYLA) Seminar 2008

PUBLICATIONS   **UNDER REVIEW (2)**

- Link, G. J.P., J. Kowal, S. Qureshi (submitted for second round of reviews on 9/17/2018). Open Source in Development: Enabling Business and Services. *Information Systems Management*.

- Link, G. J.P., M. Rao, D. Mari, A. Leak, R. Bodo (initial submission on 9/12/2018). Marktplatz zur Kollaboration und Finanzierung von Open Source Software. *HMD Praxis der Wirtschaftsinformatik*.

JOURNALS PEER-REVIEWED (1)

2016 Link, G. J.P., D. Siemon, G. de Vreede, S. Robra-Bissantz (2016). Anchored Discussion: Development of a Tool for Creativity in Online Collaboration, *Journal for Universal Computer Science, 22*(10), 1339–1359. https://doi.org/10.3217/jucs-022-10-1339

JOURNALS EDITORIALLY-REVIEWED (2)

2018 Link, G. J.P., K. Lumbard, N. Damen, H. Rosser, M. Germonprez, S. Goggins, A. Wiggins, V. Ahuja, J. brier, J. Cohoon, A. Halfaker, J. Howison, D. Marti, G. Newman, C. Østerlund, R. Paik, B. Rother, A. Schecter (accepted 9/3/2018). Open Community Health: Workshop Report. *Journal of Peer Production*, Issue 13.

2017 Link, G. J.P., K. Lumbard, K. Conboy, M. Feldman, J. Feller, J. George, M. Germonprez, S. Goggins, D. Jeske, G. Kiely, K. Schuster, M. Willis (2017). Contemporary issues of open data in Information Systems research: Considerations and recommendations. *Communications of the Association for Information Systems, 41*(Article 25), 587–610. http://aisel.aisnet.org/cais/vol41/iss1/25/

CONFERENCES (14)

2018 Germonprez, M., Link, G. J.P., Lumbard, K., & Goggins, S. (2018). Eight Observations and 24 Research Questions About Open Source Projects: Illuminating New Realities. Proceedings of the ACM on Human-Computer Interaction, 2(CSCW), 57:1–57:22.

2018 Link, G. J.P., & Germonprez, M. (2018). Assessing open source project health. Proceedings of the Twenty-fourth Americas Conference on Information Systems 2018. New Orleans, LA. http://aisel.aisnet.org/amcis2018/Openness/Presentations/5

2018 Rao, M., Link, G. J.P., Marti, D., Leak, A., & Bodo, R. (2018). A trading market for prices in peer production. Proceedings of ACM Collective Intelligence. Zurich, Switzerland.

2018 Rao, M., Link, G. J.P., Marti, D., Leak, A., & Bodo, R. (2018). A Trading Market to Incentivize Secure Software. Proceedings of the 17th Annual Workshop on the Economics of Information Security (WEIS), Innsbruck, Austria. https://weis2018.econinfosec.org/wp-content/uploads/sites/5/2016/09/WEIS_2018_paper_27.pdf

2018 Gandhi, R., Germonprez, M., & Link, G. J.P.*(2018). Open data standards for open source software risk management routines: An examination of SPDX. Proceedings of the ACM GROUP'18, Sanibel Island. https://doi.org/10.1145/3148330.3148333

2018 Link, G. J.P., & Qureshi, S. (2018). The role of open source communities in development: Policy implications for governments. Presented at the HICSS 2018, Hawaii. http://hdl.handle.net/10125/50190

2017 Link, G. J.P. (2017). The value of engaging with open source communities. In *OpenSym '17 Companion*. Galway, Ireland: ACM. https://doi.org/10.1145/3126673.3126679

2017 Link, G. J.P., & Jeske, D. (2017). Understanding organization and open source community relations through the Attraction-Selection-Attrition Model. In *OpenSym '17 Companion*. Galway, Ireland: ACM. https://doi.org/10.1145/3125433.3125472

2017 Link, G. J.P., & Qureshi, S. (2017). The role of open source in new business formation: Innovations for development. In *Proceedings of the Twenty-third Americas Conference on Information Systems*. Boston. Retrieved from http://aisel.aisnet.org/amcis2017/ICTs/Presentations/18/

---

*Authors in alphabetical order

2017 Link, G. J.P., Gill, J., & Khazanchi, D. (2017). Measuring adoption of open source software and practices in organizations: A pilot study. In *Proceedings of the Twelfth Midwest Association for Information Systems Conference*. Springfield, IL. Retrieved from http://aisel.aisnet.org/mwais2017/43/

2017 Link, G. J.P., Lumbard, K., Germonprez, M., & Goggins, S. (2017). Advancing open online community science practice: The open community data exchange. In *Proceedings of the Twelfth Midwest Association for Information Systems Conference*. Springfield, IL. http://aisel.aisnet.org/mwais2017/44

2016 Link, G. J.P., Germonprez, M., Goggins, S., Hemsley, J., Rand, B., & Squire, M. (2016). The Open Community Data Exchange: Advancing data sharing and discovery in open online community science. In *OpenSym '16 Companion*. Berlin, Germany: ACM. https://doi.org/10.1145/2962132.2962142

2016 Link, G. J.P., & Germonprez, M. (2016). Understanding open source communities as complex adaptive systems: A case of the R Project community. In AMCIS 2016 Proceedings. San Diego, CA. Retrieved from http://aisel.aisnet.org/amcis2016/Open/Presentations/7/

2015 Link, G. J.P., Siemon, D., de Vreede, G.-J., & Robra-Bissantz, S. (2015). Evaluating Anchored Discussion to Foster Creativity in Online Collaboration. In N. Baloian, Y. Zorian, P. Taslakian, & S. Shoukouryan (Eds.), Collaboration and Technology (pp. 28–44). Springer International Publishing. https://doi.org/10.1007/978-3-319-22747-4_3

OTHER PUBLICATIONS (1)

2018 Ahuja, V., Marti, D., Link, G. J.P., Germonprez, M., & Goggins, S. P. (2018, May 23). How to measure the impact of your open source project. Retrieved May 23, 2018, from https://opensource.com/article/18/5/metrics-project-success

PRESENTATIONS (14)

2018 Link, G. J. P., & Lumbard, K. (2018, August). Chaos or CHAOSS: What we hear from the CHAOSS Community. Presented at the CHAOSScon North America 2018, Vancouver, BC, Canada. https://chaoss.github.io/website/CHAOSScon/2018NA/slides/Chaos-or-CHAOSS.pdf

2018 Link, G. J.P. (2018, March). Engaging Volunteers and Voluntolds in Open Source Projects. Presented at the 10th Annual Research and Creative Activity Fair, University of Nebraska at Omaha, NE, USA. https://digitalcommons.unomaha.edu/srcaf/2018/schedule/148/

2017 Germonprez, M., & Link, G. J. P. (2017, September). BoF: Community Health Analytics for Open Source. Birds-of-a-Feather presented at the Open Source Summit North America, Los Angeles, California. Retrieved from http://sched.co/BCsP

2017 Link, G. J.P. (2017, August). Understanding organization and open source community relations through the Attraction-Selection-Attrition Model. Presented at OpenSym 2017, Galway, Ireland.

2017 Link, G. J.P. (2017, August). The value of engaging with open source communities. Presented at the OpenSym 2017 Doctoral Consortium, Galway, Ireland.

2017 Link, G. J.P. (2017, August). The role of open source in new business formation: Innovations for development. Presented at the Twenty-third Americas Conference on Information Systems, Boston, MA.

2017 Link, G. J.P., & Lumbard, K. (2017, May). Advancing open online community science practice: The open community data exchange. Presented at the Twelfth Midwest Association for Information Systems Conference. Springfield, IL.

2017 Link, G. J.P. (2017, May). Measuring adoption of open source software and practices in organizations: A pilot study. Presented at the Twelfth Midwest Association for Information Systems Conference. Springfield, IL.

2016 Link, G. J.P. (2016, December). Moving Open Source Communities: How Foundations Onboard Communities. Presented at the SIGOPEN Developmental Workshop at ICIS 2016, Dublin, Ireland.

2016 Link, G. J.P., & Lumbard, K. (2016, December). Communication Technology Selection in a Young Open Source Community: A Case of the Hyperledger Project. Presented at the SIGOPEN Developmental Workshop at ICIS 2016, Dublin, Ireland.

2016 Link, G. J.P. (2016, August). The Open Community Data Exchange: Advancing Data Sharing and Discovery in Open Online Community Science. Presented at the OpenSym 2016, Berlin, Germany.

2016 Link, G. J.P. (2016, April). The Guided Evolution of Open Source Communities. Presented at the 14th Annual BigXII+MISResearchSymposium, Baylor University, Waco, TX, USA.

2016 Link, G. J.P. (2016, March). The Guided Evolution of Open Source Communities. Presented at the 8th Annual Research and Creative Activity Fair, University of Nebraska at Omaha, NE, USA. http://digitalcommons.unomaha.edu/srcaf/2016/Schedule/56/

2015 Link, G. J.P. (2015, November). The Movement and Commoditization of Open Source Communities. Presented at the INFORMS Annual Meeting 2015, Philadelphia, PA, USA.

GRANT WRITING EXPERIENCE

NSF: Early-concept Grants for Exploratory Research (EAGER) 2018
Title: Securing Critical Software Through Futures Markets; PI: Matt Germonprez; Unfunded proposal.

Mozilla Research Grants 2018H1 2018
Title: Experiment on Introducing Project Health Signals and Price Signals in Open Source; PI: Georg Link; Unfunded proposal.

Mozilla Open Source Experiments Program 2018
Title: Experiment for Health Signals in Bugmark; PI: Georg Link; Unfunded proposal

Alfred P. Sloan Foundation 2017
Title: Open Source Project Health and Sustainability; PI: Matt Germonprez and Sean Goggins; Funded with $449,351 (2018-2020)

GRACA internal grant University of Nebraska at Omaha 2017
Graduate Research and Creative Activity (GRACA); Title: The Changing Nature of Volunteerism in Open source Communities; PI: Georg Link; Funded with $5,000 (2017)

GRACA internal grant University of Nebraska at Omaha 2016
Graduate Research and Creative Activity (GRACA); Title: The Guided Evolution of Open Source Communities; PI: Georg Link; Unfunded proposal.

BMBF (German Federal Ministry of Education and Research) 2014
Title: DETHIS - Design Thinking for Industrial Services; PI: Christoph Lattemann; Project number 01FJ15100 funded with 1.6 million Euro (2016-2019).

ACADEMIC APPOINTMENTS

University of Nebraska at Omaha, Omaha, Nebraska, USA
- Graduate Research and Teaching Assistant 2015 – present
  - Funded by Alfred P. Sloan Foundation
  - Funded by Mozilla

WelfenAkademie, Braunschweig, Germany
- Visiting Lecturer for Information Systems 2014 – present

Technical University Braunschweig, Braunschweig, Germany
- Research Assistant 2014 – 2015
  - Institute of Business Information Systems — Information Management Group
- Research and Teaching Assistant 2013 – 2014
  - Institute of Operating Systems and Computer Networks — Algorithms Group
  - Comparing Linear Programming Solvers: CPLEX, Gurobi, and COIN-OR
- Research Assistant 2011 – 2012
  - Institute of Business Information Systems — Decision Support Group

TEACHING EXPERIENCE

Managing the Database Environment 2017 – 2018
- University of Nebraska at Omaha, Omaha, Nebraska, USA

Organizations, Applications, and Technology 2017
- University of Nebraska at Omaha, Omaha, Nebraska, USA

Introduction to Microsoft Excel 2014 – Present
- WelfenAkademie, Braunschweig, Germany

Teaching Assistant: Algorithms and Data Structures 2013 – 2014
- Technische Universität Braunschweig, Germany

PROFESSIONAL UNIVERSITY ACTIVITIES	**UNO Mozilla Club**, University of Nebraska at Omaha	
	▪ Founder and Vice-President	2018 – Present
	Graduate College Committee, University of Nebraska at Omaha	
	▪ Student Representative	2016 – 2018
	UCRCA Committee (internal grants), University of Nebraska at Omaha	
	▪ Student Representative	2016 – 2017
	PhD Student Group, University of Nebraska at Omaha	
	▪ Founder and President	2015 – 2017

PROFESSIONAL ACADEMIC ACTIVITIES	**Executive**	
	▪ Communications Director, AIS SIGOPEN	2015 – Present
	Organizing (Conference and Workshop)	
	▪ CHAOSScon North America Organizing Committee	2018
	▪ CHAOSScon Europe Organizing Committee	2018
	▪ Workshop on Open Community Health	2018
	▪ OpenSym Program Committee	2018
	▪ AMCIS Minitrack Co-Chair	2018
	• Minitrack: Peer Production Project Health	
	▪ OpenSym Program Committee and Session Chair	2017
	▪ SIGOPEN Pre-ICIS Workshop on Open Phenomena	2017

Reviewing for Journals

▪ 2018		2018
• Information and Organization		
• Information Technology for Development		
• Journal of the Association for Information Systems		
• Journal of Organizational Computing and Electronic Commerce		
• HMD Praxis der Wirtschaftsinformatik		
▪ 2017		2017
• Information Technology for Development		
• Information & Management		
• International Journal of Entrepreneurship and Small Business		
• International Journal of Human-Computer Interaction		
▪ 2016		2016
• Communications of the Association for Information Systems		

Reviewing for Conferences

▪ 2018: ICIS, AMCIS, OpenSym		2018
▪ 2017: AMCIS, ECIS, PACIS, MWAIS, OpenSym		2017
▪ 2016: ICIS, HICSS, AMCIS, ECIS		2016
▪ 2015: ECIS		2015

Conference Volunteering

▪ ACM Group		2018
▪ OpenSym		2017
▪ Big XII+ MIS Research Symposium		2017
▪ International Conference on Information Systems		2016
▪ International Conference on Web Intelligence and International Conference on Brain Informatics & Health		2016
▪ Coalition of Urban and Metropolitan Universities		2015

PROFESSIONAL AFFILIATIONS	**Association for Information Systems (AIS)**	2016 – Present
	▪ AIS SIGOPEN	
	▪ Midwest United States Association for Information Systems (MWAIS)	
	Association for Computing Machinery (ACM)	2016 – Present

INDUSTRY TRAINING & CERTIFICATES	**Bankkaufmann**	2008 – 2011
	▪ Certified by Chamber of Commerce, Braunschweig, Germany	

- Bankhaus C. L. Seeliger, Wolfenbüttel, Germany

Ausbilder-Eignungsprüfung   2011
- Certified by Chamber of Commerce, Braunschweig, Germany
- WelfenAkademie, Braunschweig, Germany

INDUSTRY EXPERIENCE

Freelance Web Developer
- Custom Websites and Web Applications   2007 – 2018
  - Drupal, Wordpress, PHP, MySQL, HTML, CSS, JavaScript

Claas of America, Omaha, NE, USA
- Internship in Warranty Department   2013
  - Analyzed years of warranty data using SAP export and MS Excel business intelligence features.
  - Updated and improved usability of online warranty claim submission manual.
  - Automated monthly reports in MS Excel with VBA-Programming.

VDLUFA Qualitätssicherung NIRS GmbH, Kassel, Germany
- Java Developer   2011
  - Programmed a Java-Servlet server/client application for decentralized data management and analysis.

OPEN SOURCE ENGAGEMENT

Participated in Open Source Projects
- CHAOSS Project   2017 – Present
- Bugmark   2017 – Present
- Core Infrastructure Initiative Best Practices Badge   2017 – Present
- Toolkit for YNAB   2017 – Present
- Drupal   2009 – 2010
- OpenOffice.org   2006 – 2009

Attended Open Source Conferences
- Open Source Leadership Summit   2017
- Open Source Summit North America   2017, 2018
- Open Source Summit Europe   2017
- Mozilla Festival (MozFest)   2017
- FOSDEM   2018
- CHAOSScon Europe   2018
- CHAOSScon North America   2018

LANGUAGES
- English: Native
- German: Native

REFERENCES
- **Matt Germonprez**
  Mutual of Omaha Associate Professor
  Information Systems and Quantitative Analysis
  University of Nebraska at Omaha
  mgermonprez@unomaha.edu

- **Sean Goggins**
  Associate Professor
  School of Information Science and Learning Technologies
  University of Missouri
  s@goggins.com

- **Brian Dorn**
  Associate Professor
  Computer Science
  University of Nebraska at Omaha
  bdorn@unomaha.edu

- **Robin A. Gandhi**
  Associate Professor
  Cybersecurity
  University of Nebraska at Omaha
  rgandhi@unomaha.edu