Georg J.P. Link

https://georg.link/

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, ACM CSCW, ACM GROUP, Americas Conference on Information Systems, OpenSym, HICSS, CHAOSSCon, INFORMS, 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   **JOURNALS (2)**

[2] 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/

[1] 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

CONFERENCES (14)

[14] 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.

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

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

[11] Rao, M., Link, G. J.P., Marti, D., Leak, A., & Bodo, R. (2018). A Trading Market to Incentivize Secure Software. In 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

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

[9] 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

[8] 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

[7] 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

[6] 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/

[5] 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/

[4] 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

[3] 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

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*Authors in alphabetical order

[2] 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/

[1] 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)

[1] 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)

[14] 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

[13] 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/

[12] 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

[11] 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.

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

[9] 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.

[8] 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.

[7] 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.

[6] 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.

[5] 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.

[4] 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.

[3] 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.

[2] 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/

[1] 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

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; Under review.

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
- 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

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.
  - VBA-Programming to automate the monthly reports in MS Excel.

VDLUFA Qualitätssicherung NIRS GmbH, Kassel, Germany

- Java Developer   2011
  - Programmed a Java-Servlet server and a client application for decentralized management tasks.

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

[*CV last updated on 2018-09-07*]