Dr. Jérôme Kunegis (Complete CV)

Université de Namur
Rempart de la Vierge 8
5000 Namur
Belgique

jerome.kunegis@unamur.be
twitter.com/kunegis
linkedin.com/in/kunegis
networkscience.wordpress.com

Education	**Dr. rer. nat.**	2011
	University of Koblenz–Landau	
	Thesis: *On the Spectral Evolution of Large Networks*	
	Dipl.-Inform.	2006
	Technical University of Berlin	
	Thesis: *Using Integer Linear Programming for Search Results Optimization*	
	Baccalauréat	1999
	Lycée Français de Berlin	
	Série scientifique	
	Abitur	1999
	Lycée Français de Berlin	
	Leistungskurse: Mathematik, Physik	
	Diplôme national du brevet	1996
	Lycée Français de Berlin	
	Série collège	
Positions	**Postdoctoral Researcher**	2017–present
	Namur Center for Complex Systems, University of Namur	
	Postdoctoral Researcher	2011–2016
	Institute for Web Science and Technologies, University of Koblenz–Landau	
	ROBUST (EU FP7), SocialSensor (EU FP7), Koblenz Network Collection (KONECT), Social Information Processing (DFG WGI), REVEAL (EU FP7).	
	Visiting Postdoctoral Researcher	2013
	Networks and Operating Systems Group, University of Cambridge	
	Research Assistant	2010–2011
	Institute for Web Science and Technologies, University of Koblenz–Landau	
	WeKnowIt (EU FP7), ROBUST (EU FP7), MULTIPLA (DFG).	
	Research Assistant	2006–2010
	DAI Lab, Technical University of Berlin	
	Projects PIA (Personalized Information Agent), Universal Recommender (Semantic	

Recommendation Engine), Connected Living (Innovationszentrum "Vernetztes Leben"), Smart Senior (Intelligent Services for Elderly People), UCPM (User Centric Profile Management), WebTV (Semantic TV Recommendations), SERUM (Semantic Recommenders based on Large, Unstructured Data).

Student Research Assistant   2002–2006
DAI Lab, Technical University of Berlin
Projects Corinna und Cornelius (Speech-controlled Personal Digital Assistant), PIA (Personalized Information Agent), Synergie (Collaborative e-Science Platform).

Teaching

- Network Theory and Dynamic Systems, University of Koblenz–Landau, SS 2016.
- Advanced Topics in Network Science, University of Koblenz–Landau, SS 2016.
- Introduction to Database Systems (Grundlagen der Datenbanken, Lecturer), University of Koblenz–Landau, WS 2015/2016.
- Learning Analytics: Aspects of Machine Learning and Empirical Psychology in E-Learning, (Learning analytics: Aspekte des Machine Learnings und empirischer Psychologie beim E-Learning, Proseminar), University of Koblenz–Landau, WS 2015/2016.
- Network Theory and Dynamic Systems, University of Koblenz–Landau, SS 2015.
- Recommender Systems (Seminar), University of Koblenz–Landau, SS 2015.
- Introduction to Database Systems (Grundlagen der Datenbanken, Lecturer), University of Koblenz–Landau, WS 2014/2015.
- Distributed Scalable Network Analysis (Research Lab), University of Koblenz–Landau, WS 2014/2015.
- Advanced Topics in Network Theory (Seminar), University of Koblenz–Landau, SS 2014.
- Network Theory and Dynamic Systems, University of Koblenz–Landau, SS 2014.
- Introduction to Database Systems (Grundlagen der Datenbanken, Lecturer), University of Koblenz–Landau, WS 2013/2014.
- Network Theory and Dynamic Systems, University of Koblenz–Landau, SS 2013.
- Social Networks (Soziale Netzwerke, Proseminar), University of Koblenz–Landau, SS 2013.
- Introduction to Database Systems (Grundlagen der Datenbanken, Lecturer), University of Koblenz–Landau, WS 2012/2013.
- Social Networks (Soziale Netzwerke, Proseminar), University of Koblenz–Landau, SS 2012.
- Introduction to Database Systems (Grundlagen der Datenbanken, Assistant), University of Koblenz–Landau, WS 2011/2012.
- Introduction to Database Systems (Grundlagen der Datenbanken, Assistant), University of Koblenz–Landau, WS 2010/2011.

Supervised Theses

- Marcel Reif. Automatische Erkennung von exakten und Near-Duplikaten in einer Netzwerkdatenbank, *Bachelor of Science*, University of Koblenz–Landau, 2016.
- Nils Geilen. Entwicklung eines Systems zur Vorhersage von Nutzeraktivität auf den Diskussionsseiten der Wikipedia, *Bachelor of Science*, University of Koblenz–Landau, 2015.
- Jesús Cabello González. Berechnung und Approximation von Kürzeste-Pfad-Statistiken in großen Netzwerken für KONECT, *Bachelor of Science*, University of Cádiz, 2014.
- Julia Preusse. Analysis of the WebUni Online Student Community, *Dipl.-Inform.*, Otto von Guericke University Magdeburg, 2010.
- Stephan Spiegel. A Hybrid Approach to Recommender Systems based on Matrix Factorization, *Dipl.-Inform.*, Technical University of Berlin, 2009.
- Christian Banik. Recommending Wiki Articles using Collaborative Filtering, *Dipl.-Inform.*, Technical University of Berlin, 2009.
- Iris Breddin. Untersuchung der Klassifizierbarkeit und Klassifikation von Schweißnahtdaten, *Dipl.-Inform.*, Technical University of Berlin, 2008.

Conference Organization

- WeST Off-Campus Meeting (OCM), 2016, Chair.
- INFORMATIK, 2013, Publicity Chair.
- Web Science Conf. (WebSci), 2011, Publicity Chair.
- Special Session on Uncertainty in Network Mining (UNM) at the Int. Conf. on Information Processing and Management of Uncertainty in Knowledge-based Systems (IPMU), 2010, Technical Chair.

Program Committees

- Int. Workshop on Complex Networks and Their Applications, 2016.
- Int. AAAI Conf. on Web and Social Media (ICWSM), 2016.
- Workshop on Social News on the Web (SNOW) at the World Wide Web Conf. (WWW), 2016.
- Workshop on SociAL Semantic Analysis (SALSA), 2016.
- #FAIL! – The Workshop Series at the Internet Research Conf. (IR), 2015.
- Web Science Track, Int. World Wide Web Conf. (WWW), 2015.
- #FAIL! – The Workshop Series at the Web Science Conf. (WebSci), 2015.
- Web Science Conf. (WebSci), 2014.
- Workshop on Social News on the Web (SNOW) at the World Wide Web Conf. (WWW), 2014.
- Workshop on Connecting Online & Offline Life (COOL) at the World Wide Web Conf. (WWW), 2014.
- Web Science Track, Int. World Wide Web Conf. (WWW), 2014.
- Int. Joint Conf. on Artificial Intelligence (IJCAI), 2013.
- Web Science Conf. (WebSci), 2013.
- Web Science Education Workshop at the Web Science Conf. (WebSci), 2013.
- Conf. on Semantic Technology and Information Retrieval (STAIR), 2013.
- Int. Workshop on Semantic Personalized Information Management (SPIM) at the Int. Conf. on Web Search and Data Mining (WSDM), 2013.
- European Conf. on Information Retrieval (ECIR), 2013.

- Workshop on Metrics, Analysis and Tools for Online Community Management (MAMA), at INFORMATIK, 2013
- Web Science Conf. (WebSci), 2012.
- European Conf. on Information Retrieval (ECIR), poster track, 2012.
- Conf. on Natural Language Processing (KONVENS), 2012.
- Workshop on Personalized Information Management: Linking Social and Semantic Web (SPIM) at the Int. Conf. on Web Engineering (ICWE), 2012.
- Conf. on Information and Knowledge Management (CIKM), 2011.
- Web Science Conf. (WebSci), 2011.
- Int. Conf. on Knowledge Discovery and Data Mining (KDD), research track, 2011.
- Challenge on Context-aware Movie Recommendation (CAMRa) at the Conf. on Recommender Systems (RecSys), 2010.
- Special Session on Uncertainty in Network Mining (UNM) at the Int. Conf. on Information Processing and Management of Uncertainty in Knowledge-based Systems (IPMU), 2010.

Review Boards and Other Reviewing

- Network Science, 2015, 2016.
- ACM Computing Surveys, 2014, 2015.
- The J. of Web Science, 2014.
- ACM Trans. on Internet Technologies (TOIT), 2014.
- Special Issue on "Propagation Phenomenon in Complex Networks: Theory and Practice", New Generation Computing, 2014.
- Int. Semantic Web Conf. (ISWC), 2013.
- Int. Conf. on Computational Statistics (COMPSTAT), 2012.
- Int. J. of Computer and Telecommunications Networking (COMNET), 2012.
- IEEE Trans. on Neural Networks (TNN), 2011.
- J. on Autonomous Agents and Multi-agent Systems (AAMAS), Special Issue on Agent Mining, 2011.
- ACM Trans. on Knowledge Discovery from Data (TKDD), 2011.
- TV Content Analysis (TVCA), 2011.
- Workshop on Ontologies and Lexical Resources (OntoLex) at the Int. Conf. on Computational Linguistics (COLING), 2010.

Publications

[1] The problem of action at a distance in networks and the emergence of preferential attachment from triadic closure. Jérôme Kunegis, Fariba Karimi, and Jun Sun. *J. of Interdisciplinary Methodologies and Issues in Science*, 2, 2017.

[2] Handbook of network analysis [KONECT – the Koblenz Network Collection], Jérôme Kunegis, 2017.

[3] Predicting user roles in social networks using transfer learning with feature transformation. Jun Sun, Jérôme Kunegis, and Steffen Staab. In *Proc. ICDM Int. Workshop on Data Mining in Networks*, 2016.

[4] Continuous-time quantum walks on directed bipartite graphs. Beat Tödtli, Monika Laner, Jouri Semenov, Beatrice Paoli, Marcel Blattner, and Jérôme Kunegis. *Phys. Rev. A*, 94:052338, 2016.

[5] On the ubiquity of web tracking: Insights from a billion-page web crawl, Sebastian Schelter and Jérôme Kunegis, 2016. In review.

[6] Linguistic neighbourhoods: Explaining cultural borders on Wikipedia through multilingual co-editing activity. Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis, and Markus Strohmaier. *Eur. Phys. J. Data Science*, 5(9), 2016.

[7] Tracking the trackers: A large-scale analysis of embedded web trackers. Sebastian Schelter and Jérôme Kunegis. In *Proc. Int. Conf. on Web and Social Media*, 2016.

[8] Voting behaviour and power in online democracy: A study of LiquidFeedback in Germany's Pirate Party. Christoph Carl Kling, Jérôme Kunegis, Heinrich Hartmann, Markus Strohmaier, and Steffen Staab. In *Proc. Int. Conf. on Weblogs and Social Media*, pages 208–217, 2015.

[9] Linguistic influence patterns within the global network of Wikipedia language editions. Anna Samoilenko, Fariba Karimi, Jérôme Kunegis, Daniel Edler, and Markus Strohmaier. In *Proc. Web Science Conf.*, 2015.

[10] Social networking by proxy: A case study of Catster, Dogster and Hamsterster. Daniel Dünker and Jérôme Kunegis. 2015.

[11] Glaubwürdigkeit und Vertrauen von Online-News. Ines C. Vogel, Jutta Milde, Karin Stengel, Steffen Staab, Christoph Carl Kling, and Jérôme Kunegis. *Datenschutz und Datensicherheit*, 40(5):312–316, 2015.

[12] Social networking by proxy: Analysis of Dogster, Catster and Hamsterster. Daniel Dünker and Jérôme Kunegis. In *Proc. Int. Conf. on World Wide Web Companion*, pages 361–362, 2015.

[13] Private-collective invention and open source software: Longitudinal insights from Linux kernel development. Dirk Homscheid, Jérôme Kunegis, and Mario Schaarschmidt. In *Proc. IFIP Conf. on e-Business, e-Services and e-Society*, pages 299–313, 2015.

[14] Twitter as a political network – predicting the following and unfollowing behavior of German politicians. Julia Perl, Claudia Wagner, Jérôme Kunegis, and Steffen Staab. In *Proc. Web Science Conf.*, 2015.

[15] Exploiting the structure of bipartite graphs for algebraic and spectral graph theory applications. Jérôme Kunegis. *Internet Math.*, 11(3):201–321, 2015.

[16] Detecting non-Gaussian geographical topics in tagged photo collections. Christoph Carl Kling, Jérôme Kunegis, Sergej Sizov, and Steffen Staab. In *Proc. Int. Conf. on Web Search and Data Mining*, pages 603–612, 2014.

[17] Polcovar: Software for computing the mean and variance of subgraph counts in random graphs, Jérôme Kunegis, 2014.

[18] Applications of structural balance in signed social networks, Jérôme Kunegis, 2014. arXiv:1402.6865.

[19] DecLiNe – models for decay of links in networks, Julia Preusse, Jérôme Kunegis, Matthias Thimm, and Sergej Sizov, 2014.

[20] What is the added value of negative links in online social networks? Jérôme Kunegis, Julia Preusse, and Felix Schwagereit. In *Proc. Int. World Wide Web Conf.*, pages 727–736, 2013.

[21] KONECT – The Koblenz Network Collection. Jérôme Kunegis. In *Proc. Int. Conf. on World Wide Web Companion*, pages 1343–1350, 2013.

[22] Structural dynamics of knowledge networks. Julia Preusse, Jérôme Kunegis, Matthias Thimm, Thomas Gottron, and Steffen Staab. In *Proc. Int. Conf. on Weblogs and Social Media*, pages 506–515, 2013.

[23] Preferential attachment in online networks: Measurement and explanations. Jérôme Kunegis, Marcel Blattner, and Christine Moser. In *Proc. Web Science Conf.*, pages 205–214, 2013.

[24] Spectral evolution in dynamic networks. Jérôme Kunegis, Damien Fay, and Christian Bauckhage. *Knowl. and Inf. Syst.*, 37(1):1–36, 2013.

[25] Centrality and mode detection in dynamic contact graphs; a joint diagonalisation approach. Damien Fay, Jérôme Kunegis, and Eiko Yoneki. In *Proc. Int. Conf. on Advances in Social Networks Analysis and Mining*, pages 41–48. ACM, 2013.

[26] Social network datasets. Jérôme Kunegis. *Encyclopedia of Social Network Analysis and Mining*, 2013.

[27] Spectral evolution of social networks. Jérôme Kunegis. *Encyclopedia of Social Network Analysis and Mining*, 2013.

[28] Diversity dynamics in online networks. Jérôme Kunegis, Sergej Sizov, Felix Schwagereit, and Damien Fay. In *Proc. Conf. on Hypertext and Social Media*, pages 255–264, 2012.

[29] Fairness on the web: Alternatives to the power law. Jérôme Kunegis and Julia Preusse. In *Proc. Web Science Conf.*, pages 175–184, 2012.

[30] Predicting directed links using nondiagonal matrix decomposition. Jérôme Kunegis and Jörg Fliege. In *Proc. Int. Conf. on Data Mining*, pages 948–953, 2012.

[31] KONECT Cloud – large scale network mining in the cloud. Jérôme Kunegis. In *Proc. Spring 2012 Future SOC Lab Day*, HPI Technical Report Series, April 2012.

[32] LiveTweet: Monitoring and predicting interesting microblog posts. Arifah Che Alhadi, Thomas Gottron, Jérôme Kunegis, and Nasir Naveed. In *Proc. European Conf. on Inf. Retrieval Demonstrations*, pages 569–570, 2012.

[33] Online dating recommender systems: The split-complex number approach. Jérôme Kunegis, Gerd Gröner, and Thomas Gottron. In *Proc. Workshop on Recommender Syst. and the Social Web*, pages 37–44, 2012.

[34] LiveTweet: Microblog retrieval based on interestingess and an adaptation of the vector space model. Arifah Che Alhadi, Thomas Gottron, Jérôme Kunegis, and Nasir Naveed. In *Proc. Text Retrieval Conference*, 2011.

[35] Searching microblogs: Coping with sparsity and document quality. Nasir Naveed, Thomas Gottron, Jérôme Kunegis, and Arifah Che Alhadi. In *Proc. Int. Conf. on Inf. and Knowl. Manag.*, pages 183–188, 2011.

[36] Discriminating graphs through spectral projections. Damien Fay, Hamed Haddadi, Steve Uhlig, Liam Kilmartin, Andrew W. Moore, Jérôme Kunegis, and Marios Iliofotou. *Computer Networks*, 55(15):3458–3468, 2011.

[37] Bad news travels fast: A content-based analysis of interestingness on Twitter. Nasir Naveed, Thomas Gottron, Jérôme Kunegis, and Arifah Che Alhadi. In *Proc. Web Science Conf.*, 2011.

[38] One community does not rule them all. Thomas Gottron, Jérôme Kunegis, Ansgar Scherp, and Steffen Staab. In *Proc. Web Science Conf.*, 2011.

[39] Link prediction on evolving data using tensor factorization. Stephan Spiegel, Jan Clausen, Sahin Albayrak, and Jérôme Kunegis. In *Proc. Workshop on Behavior Informatics*, 2011.

[40] On joint diagonalisation for dynamic network analysis. Damien Fay, Jérôme Kunegis, and Eiko Yoneki. Technical report, University of Cambridge, 2011.

[41] Challenges in mining social media: Sparsity and quality. Thomas Gottron, Nasir Naveed, Jérôme Kunegis, and Arifah Che Alhadi. In *Challenges in Document Mining (Dagstuhl Seminar 11171)*, page 73, 2011.

[42] Exploiting hierarchical tags for context-awareness. Alan Said, Jérôme Kunegis, Ernesto William De Luca, and Sahin Albayrak. In *Proc. Workshop on Exploiting Semantic Annotations for Inf. Retrieval*, pages 35–36, 2010.

[43] Network growth and the spectral evolution model. Jérôme Kunegis, Damien Fay, and Christian Bauckhage. In *Proc. Int. Conf. on Inf. and Knowl. Manag.*, pages 739–748, 2010.

[44] The link prediction problem in bipartite networks. Jérôme Kunegis, Ernesto W. De Luca, and Sahin Albayrak. In *Proc. Int. Conf. in Inf. Processing and Manag. of Uncertainty in Knowl.-based Syst.*, pages 380–389, 2010.

[45] Spectral analysis of signed graphs for clustering, prediction and visualization. Jérôme Kunegis, Stephan Schmidt, Andreas Lommatzsch, and Jürgen Lerner. In *Proc. SIAM Int. Conf. on Data Mining*, pages 559–570, 2010.

[46] Multilingual ontology-based user profile enrichment. Ernesto W. De Luca, Till Plumbaum, Jérôme Kunegis, and Sahin Albayrak. In *Proc. Workshop on the Multilingual Semantic Web*, pages 41–42, 2010.

[47] Connecting senior citizens through interactive TV. Barış Karataş, Torsten Schmidt, Jérôme Kunegis, and Till Plumbaum. In *Proc. Ambient Assisted Living*, 2010.

[48] The Universal Recommender, Jérôme Kunegis, Alan Said, and Winfried Umbrath. White paper, 2009.

[49] Learning spectral graph transformations for link prediction. Jérôme Kunegis and Andreas Lommatzsch. In *Proc. Int. Conf. on Machine Learning*, pages 561–568, 2009.

[50] The Slashdot Zoo: Mining a social network with negative edges. Jérôme Kunegis, Andreas Lommatzsch, and Christian Bauckhage. In *Proc. Int. World Wide Web Conf.*, pages 741–750, 2009.

[51] Hydra: A hybrid recommender system [cross-linked rating and content information]. Stephan Spiegel, Jérôme Kunegis, and Fang Li. In *Proc. Workshop on Complex Networks in Inf. and Knowl. Manag.*, pages 75–80, 2009.

[52] Modeling collaborative similarity with the signed resistance distance kernel. Jérôme Kunegis, Stephan Schmidt, Christian Bauckhage, Martin Mehlitz, and Sahin Albayrak. In *Proc. European Conf. on Artificial Intelligence*, pages 261–265, 2008.

[53] Alternative similarity functions for graph kernels. Jérôme Kunegis, Andreas Lommatzsch, and Christian Bauckhage. In *Proc. Int. Conf. on Pattern Recognition*, 2008.

[54] On the scalability of graph kernels applied to collaborative recommenders. Jérôme Kunegis, Andreas Lommatzsch, Christian Bauckhage, and Sahin Albayrak. In *Proc. ECAI Workshop on Recommender Syst.*, pages 35–38, 2008.

[55] Assessing the value of unrated items in collaborative filtering. Jérôme Kunegis, Andreas Lommatzsch, Martin Mehlitz, and Sahin Albayrak. In *Proc. Int. Conf. on Digital Inf. Manag.*, pages 212–216, 2007.

[56] Adapting ratings in memory-based collaborative filtering using linear regression. Jérôme Kunegis and Sahin Albayrak. In *Proc. Int. Conf. on Inf. Reuse and Integration*, 2007.

[57] Collaborative filtering using electrical resistance network models with negative edges. Jérôme Kunegis and Stephan Schmidt. In *Proc. Industrial Conf. on Data Mining*, pages 269–282, 2007.

[58] Scalable bandwidth optimization in advance reservation networks. Stephan Schmidt and Jérôme Kunegis. In *Proc. Int. Conf. on Networks*, pages 95–100, 2007.

[59] Resource-aware update policy for highly dynamic P2P networks. Dragan Milošević, Jérôme Kunegis, and Sahin Albayrak. In *Proc. WI Workshops*, 2007.

[60] Using novel IR measures to learn optimal cluster structures for web information retrieval. Martin Mehlitz, Jérôme Kunegis, and Sahin Albayrak. In *Proc. Int. Conf. Web Intelligence*, 2007.

[61] A new evaluation measure for information retrieval systems. Martin Mehlitz, Christian Bauckhage, Jérôme Kunegis, and Sahin Albayrak. In *Proc. Int. Conf. on Syst., Man and Cybernetics*, 2007.

[62] A multi-agent framework for personalized information filtering. Andreas Lommatzsch, Martin Mehlitz, and Jérôme Kunegis. In *Proc. German e-Science*, 2007.

[63] Ein gradualisiertes Community-Modell zur Bildung wissenschaftlicher Gemeinschaften. Michael Hahne, Corinna Jung, Jérôme Kunegis, Andreas Lommatzsch, and André Paus. In *Analyse sozialer Netzwerke und Social Software – Grundlagen und Anwendungsbeispiele*, 2007.

Keynotes and Invited Talks

- Algebraic Graph-theoric Measures of Conflict, Journée Graphes et Systèmes Sociaux (Seminar on Graphs and Social Systems), 2016.

- Measuring Conflict in Signed Social Networks, Application of Network Theory on Computational Social Science (Workshop), 2015.

- Large Network Collections: The Power of Many Datasets, Int. Workshop on Social Network Analysis (ARS), 2015.

- Network Analysis Tools for Online Communities: The Koblenz Network Collection. Keynote, Workshop on Metrics, Analysis and Tools for Online Community Management (MAMA), 2013.

Other Talks

- Linguistic Neighbourhoods: Explaining Cultural Borders on Wikipedia Through Multilingual Co-editing Activity. Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis and Markus Strohmaier. Int. Conf. on Computational Social Science, 2017.

- Generating Networks with Realistic Properties Based on a Given (Set of) Network(s), and a Short Overview of the KONECT Project. Université de Namur, 2016.

- Web Science in Practice: Web Observatories. WSTNet Web Science Summer School, 2016.

- KONECT: The Koblenz Network Collection – Towards a Broad Analysis of Complex Systems. ETH Zürich, 2015.

- Observing the Web: The Koblenz Network Collection. Bournemouth University, 2013.

- Growth and Decay: Using Machine Learning to Predict the Web's Future, Workshop on Artificial Intelligence on the Web, 2012.

- Models of Like, Dislike, Similarity and Dissimilarity using Split-complex Numbers, University College Dublin, 2012.

- Why Is Beyoncé More Popular Than Me: Fairness, Diversity and Other Measures of Network Equality. University of Freiburg, 2012.
- Fairness on the Web: Alternatives to the Power Law. Leibniz-Institut für Sozialwissenschaften, Cologne, 2012.
- On the Spectral Evolution of Large Networks. University College Cork, 2011.
- On the Spectral Evolution of Large Networks. Fraunhofer IAIS, St. Augustin, 2011.
- On the Spectral Evolution of Large Networks. Technical University of Berlin, 2011.
- The Slashdot Zoo: Mining a Social Network with Negative Edges. Data and Knowledge Engineering Research Colloquium, Otto-von-Guericke University Magdeburg, 2010.
- The Slashdot Zoo: Mining a Social Network with Negative Edges. University of Koblenz–Landau, 2010.
- The Slashdot Zoo: Mining a Social Network with Negative Edges. University of Hannover, 2010.
- PIA+COMM – an Intelligent Search Engine. Michael Hahne, Corinna Jung, Jérôme Kunegis, Andreas Lommatzsch and André Paus. Workshop on the Formation of Social Networks in Social Software Applications, INFORMATIK, 2006.

Posters without Publication

- The Problem of Action at a Distance in Networks and the Emergence of Preferential Attachment from Triadic Closure. Jérôme Kunegis, Fariba Karimi, Jun Sun, Int. School and Conf. on Network Science (NetSci), 2017.
- Linguistic Neighbourhoods: Explaining Cultural Borders on Wikipedia through Multilingual Co-editing Activity. Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis, Markus Strohmaier, Int. School and Conf. on Network Science (NetSciX), 2016.
- Social Network Observatory. Jérôme Kunegis, Markus Strohmaier, Steffen Staab. Computational Social Science Winter Symposium (CSSWS), 2015.
- Quantifying Cultural Similarity through Language Co-occurrences in Wikipedia Editing Activity. Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis, Markus Strohmaier. Computational Social Science Winter Symposium (CSSWS), 2015.
- Polarisation in Voting Platforms: A Case Study of LiquidFeedback in the German Pirate Party. Manuel Mittler, Christoph Carl Kling, Jérôme Kunegis, Markus Strohmaier, Computational Social Science Winter Symposium (CSSWS), 2015.
- Twitter as a Political Network – Predicting the Following and Unfollowing Behavior of German Politicians. Julia Perl, Claudia Wagner, Jérôme Kunegis, Steffen Staab, Web Science Conf. (WebSci), 2015.
- Online Delegative Democracy: A Case Study of the German Pirate Party's Voting Platform. Christoph Carl Kling, Jérôme Kunegis, Heinrich Hartmann. Computational Social Science Winter Symposium (CSSWS), 2014.
- Social Networking By Proxy: A Case Study of Catster, Dogster and Hamsterster. Computational Social Science Winter Symposium (CSSWS), 2014.
- A Theory-Driven Approach for Link and Unlink Predictions in Directed Social Networks. Julia Perl, Claudia Wagner, Jérôme Kunegis, Steffen Staab. Computational Social Science Winter Symposium (CSSWS), 2014.

- KONECT – The Koblenz Network Collection. Jérôme Kunegis, Steffen Staab, Daniel Dünker. Int. School and Conf. on Network Science (NetSci), 2012.
- Need Networks? KONECT – The Koblenz Network Collection. European Summer School on Information Retrieval (ESSIR), 2011.
- KONECT – The Koblenz Network Collection. Web Science Conf. (WebSci), 2011.
- Uncovering Multi-modal Spread Modes using Joint Diagonalization in Dynamic Human Contact Networks. Damien Fay, Jérôme Kunegis, Eiko Yoneki. Interdisciplinary Workshop on Information and Decision in Social Networks, 2011.
- On the Spectral Evolution of Large Networks. Postersession für Nachwuchswissenschaftler/innen, University of Koblenz–Landau, 2011.
- On the Spectral Evolution of Large Networks. SIAM Conf. on Data Mining Doctoral Forum (SIAM SDM), 2010.

Demonstrations and Presentations
- Institute for Web Science and Technologies, conference booth. INFORMATIK 2013.
- Schülerinformationstage, Institute for Web Science and Technologies, University of Koblenz–Landau, 2011, 2013, 2015, 2016.
- LiveTweet: Monitoring and Predicting Interesting Microblog Posts, European Conference on Information Retrieval (ECIR), 2012.
- Time-aware Centrality in Contact Network Analysis. Eiko Yoneki, Damien Fay, Jérôme Kunegis. European Conference on Complex Systems (ECCS), 2011.
- PIA, Spree, CeBIT, 2010.
- PIA+COMM, CeBIT, 2007.
- PIA, Lange Nacht der Wissenschaften Berlin/Potsdam, 2006.

Mentions in Media
- Die Abstimmungssoftware LiquidFeedback in der Piratenpartei: wegweisend für Demokratie 2.0?, www.piratenpartei.de, May 2015.
- Come ha funzionato davvero la democrazia liquida dei Pirati tedeschi, Wired Italia, April 2015.

Awards and Nominations
- First Prize, Int. Conf. on Web and Social Media (ICWSM) Science Slam, 2016.
- Best Poster Award, Int. School and Conf. on Network Science (NetSciX), 2016.
- Best Paper Honorable Mention, Int. Conf. on Web and Social Media (ICWSM), 2015.
- Ted Nelson Newcomer Award Nominee, Conf. on Hypertext and Social Media (HT), 2012.
- Student Travel Award, Int. Conf. on Information and Knowledge Management (CIKM), 2010.
- Student Travel Fellowship Award, SIAM Conf. on Data Mining (SDM), 2010.
- Best Paper Nominee, Industrial Conf. on Data Mining (IndCDM), 2007.
- Premier Prix (First Prize), Rallye mathématique d'Alsace, Terminale (Alsace Mathematical Rally), 1999.

Main Software Authorship

- Stu, build automation (C++11)
- SynGraphy, graph generator (Matlab)
- KONECT Toolbox, network analysis toolbox (Matlab, C99)
- Polcovar, software for counting patterns in random graphs (Matlab)
- Universal Recommender, recommendation library (Java)
- BabyChess, chess engine (C++98)
- *More: see* `github.com/kunegis`

Miscellaneous

- Birthday: March 27
- Languages: French (first language), German (first language), English (advanced)
- Programming languages and technologies I use extensively: Bourne shell, C, C++, Java, Latex, Make, Matlab, sed
- Other programming languages and technologies I have used: BASIC, HTML, JavaScript, Logo, Perl, PHP, Turbo Pascal