# Dr. Jérôme Kunegis (Complete CV)

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

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 Schweiß-nahtdaten, *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. 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] 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.

[2] Continuous-time quantum walks on directed bipartite graphs. Beat Tödtli, Monika Laner, Jouri Semenov, Beatrice Paoli, Marcel Blattner, and Jérôme Kunegis. *Phys. Rev. A*, 2016. Accepted for publication.

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

[4] 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.

[5] 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.

[6] 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.

[7] 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.

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

[9] 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.

[10] 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.

[11] 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.

[12] 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.

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

[14] 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.

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

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

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

[18] Handbook of network analysis [KONECT – the Koblenz Network Collection], Jérôme Kunegis, 2016.

[19] 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.

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

[21] 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.

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

[23] Spectral evolution in dynamic networks. Jérôme Kunegis, Damien Fay, and Christian Bauckhage. *Knowledge and Information Systems*, 37(1):1–36, 2013.

[24] 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.

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

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

[27] 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.

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

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

[30] 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.

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

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

[33] 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.

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

[35] 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.

[36] 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.

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

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

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

[40] 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.

[41] 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 Information Retrieval*, pages 35–36, 2010.

[42] Network growth and the spectral evolution model. Jérôme Kunegis, Damien Fay, and Christian Bauckhage. In *Proc. Int. Conf. on Information and Knowledge Management*, pages 739–748, 2010.

[43] The link prediction problem in bipartite networks. Jérôme Kunegis, Ernesto W. De Luca, and Sahin Albayrak. In *Proc. Int. Conf. in Information Processing and Management of Uncertainty in Knowledge-based Systems*, pages 380–389, 2010.

[44] 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.

[45] 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.

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

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

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

[49] 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.

[50] 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 Information and Knowledge Management*, pages 75–80, 2009.

[51] 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.

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

[53] 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 Systems*, pages 35–38, 2008.

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

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

[56] 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.

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

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

[59] 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.

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

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

[62] 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**

- 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**

- 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, 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, 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, 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., 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, 2014.
- Social Networking By Proxy: A Case Study of Catster, Dogster and Hamsterster. Computational Social Science Winter Symposium, 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, 2014.
- KONECT – The Koblenz Network Collection. Jérôme Kunegis, Steffen Staab, Daniel Dünker. Int. School and Conf. on Network Science, 2012.
- Need Networks? KONECT – The Koblenz Network Collection. European Summer School on Information Retrieval, 2011.
- KONECT – The Koblenz Network Collection. Web Science Conf., 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, 2010.

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| **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 |