Dr. rer. nat. Dipl.-Inform. **Jérôme KUNEGIS** (Complete CV)

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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 (naXys), University of Namur
IDEES – L'Internet de Demain pour développer les Entreprises, l'Économie et la Société
(ERDF/FEDER – Wallonia/Wallonie)

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 Sci. Conf., 2011, Publicity Chair.
- Special Session on Uncertainty in Netw. Min. (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 Netw. and Their Applications, 2016.
- Int. AAAI Conf. on Web and Soc. Media (ICWSM), 2016.
- Workshop on Soc. News on the Web (SNOW) at the World Wide Web Conf. (WWW), 2016.
- Workshop on Soc. Semantic Analysis (SALSA), 2016.
- #FAIL! – The Workshop Series at the Internet Research Conf. (IR), 2015.
- Web Sci. Track, Int. World Wide Web Conf. (WWW), 2015.
- #FAIL! – The Workshop Series at the Web Sci. Conf. (WebSci), 2015.
- Web Sci. Conf., 2014.
- Workshop on Soc. 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 Sci. Track, Int. World Wide Web Conf. (WWW), 2014.
- Int. Joint Conf. on Artif. Intell. (IJCAI), 2013.
- Web Sci. Conf., 2013.
- Web Sci. Education Workshop at the Web Sci. Conf., 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.
- Eur. Conf. on Information Retrieval (ECIR), 2013.

- [Workshop on Metrics, Analysis and Tools for Online Community Management](#) (MAMA), at INFORMATIK, 2013
- [Web Sci. Conf.](#), 2012.
- [Eur. Conf. on Information Retrieval](#) (ECIR), poster track, 2012.
- [Conf. on Natural Language Processing](#) (KONVENS), 2012.
- [Workshop on Personalized Information Management: Linking Soc. and Semantic Web](#) (SPIM) at the Int. Conf. on Web Engineering (ICWE), 2012.
- [Conf. on Information and Knowledge Management](#) (CIKM), 2011.
- [Web Sci. Conf.](#), 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 Netw. Min.](#) (UNM) at the Int. Conf. on Information Processing and Management of Uncertainty in Knowledge-based Systems (IPMU), 2010.

Review Boards and Other Reviewing

- [Netw. Sci.](#), 2015, 2016.
- [ACM Comput. Surveys](#), 2014, 2015.
- [The J. of Web Sci.](#), 2014.
- [ACM Trans. on Internet Technologies](#) (TOIT), 2014.
- [Special Issue on "Propagation Phenomenon in Complex Networks: Theory and Practice"](#), New Generation Comput., 2014.
- [Int. Semantic Web Conf.](#) (ISWC), 2013.
- [Int. Conf. on Comput. Stat.](#) (COMPSTAT), 2012.
- [Int. J. of Comput. and Telecommunications Netw.](#) (COMNET), 2012.
- [IEEE Trans. on Neural Netw.](#) (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 Comput. Linguist. (COLING), 2010.

Articles

[1] [The Problem of Action at a Distance in Networks and the Emergence of Preferential Attachment from Triadic Closure](#), Jérôme Kunegis, Fariba Karimi, Jun Sun, *J. of Interdiscip. Methodol. and Issues in Sci.*, Graphs and Social Systems, 2017.

[2] [Continuous-Time Quantum Walks on Directed Bipartite Graphs](#), Beat Tödtli, Monika Laner, Jouri Semenov, Beatrice Paoli, Marcel Blattner, Jérôme Kunegis, *Phys. Rev. A*, 94(5):052338, 2016.

[3] [Linguistic Neighbourhoods: Explaining Cultural Borders on Wikipedia through Multilingual Co-editing Activity](#), Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis, Markus Strohmaier, *Eur. Phys. J. Data Sci.*, 5(9), 2016.

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

[5] Exploiting the Structure of Bipartite Graphs for Algebraic and Spectral Graph Theory Applications, Jérôme Kunegis, *Internet Math.*, 11(3):201–321, 2015.

[6] Spectral Evolution in Dynamic Networks, Jérôme Kunegis, Damien Fay, Christian Bauckhage, *Knowl. and Inf. Syst.*, 37(1):1–36, 2013.

[7] Discriminating Graphs through Spectral Projections, Damien Fay, Hamed Haddadi, Steve Uhlig, Liam Kilmartin, Andrew W. Moore, Jérôme Kunegis, Marios Iliofotou, *Comput. Netw.*, 55(15):3458–3468, 2011.

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

Conference Papers

[9] Tracking the Trackers: A Large-Scale Analysis of Embedded Web Trackers, Sebastian Schelter, Jérôme Kunegis, *Proc. Int. Conf. on Web and Soc. Media*, pp. 679–682, 2016.

[10] Private-Collective Invention and Open Source Software: Longitudinal Insights from Linux Kernel Development, Dirk Homscheid, Jérôme Kunegis, Mario Schaarschmidt, *Proc. IFIP Conf. on e-Business, e-Services and e-Society*, pp. 299–313, 2015.

[11] 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, Steffen Staab, *Proc. Int. Conf. on Weblogs and Soc. Media*, pp. 208–217, 2015.

[12] Detecting Non-Gaussian Geographical Topics in Tagged Photo Collections, Christoph Carl Kling, Jérôme Kunegis, Sergej Sizov, Steffen Staab, *Proc. Int. Conf. on Web Search and Data Min.*, pp. 603–612, 2014.

[13] Preferential Attachment in Online Networks: Measurement and Explanations, Jérôme Kunegis, Marcel Blattner, Christine Moser, *Proc. Web Sci. Conf.*, pp. 205–214, 2013.

[14] What Is the Added Value of Negative Links in Online Social Networks?, Jérôme Kunegis, Julia Preusse, Felix Schwagereit, *Proc. Int. World Wide Web Conf.*, pp. 727–736, 2013.

[15] Predicting Directed Links using Nondiagonal Matrix Decomposition, Jérôme Kunegis, Jörg Fliege, *Proc. Int. Conf. on Data Min.*, pp. 948–953, 2012.

[16] Fairness on the Web: Alternatives to the Power Law, Jérôme Kunegis, Julia Preusse, *Proc. Web Sci. Conf.*, pp. 175–184, 2012.

[17] Centrality and Mode Detection in Dynamic Contact Graphs; a Joint Diagonalisation Approach, Damien Fay, Jérôme Kunegis, Eiko Yoneki, *Proc. Int. Conf. on Advances in Soc. Netw. Anal. and Min.*, pp. 41–48, 2013.

[18] Structural Dynamics of Knowledge Networks, Julia Preusse, Jérôme Kunegis, Matthias Thimm, Thomas Gottron, Steffen Staab, *Proc. Int. Conf. on Weblogs and Soc. Media*, pp. 506–515, 2013.

[19] Diversity Dynamics in Online Networks, Jérôme Kunegis, Sergej Sizov, Felix Schwagereit, Damien Fay, *Proc. Conf. on Hypertext and Soc. Media*, pp. 255–264, 2012.

[20] Searching Microblogs: Coping with Sparsity and Document Quality, Nasir Naveed, Thomas Gottron, Jérôme Kunegis, Arifah Che Alhadi, *Proc. Int. Conf. on Inf. and Knowl. Manag.*, pp. 183–188, 2011.

[21] Bad News Travels Fast: A Content-based Analysis of Interestingness on Twitter, Nasir Naveed, Thomas Gottron, Jérôme Kunegis, Arifah Che Alhadi, *Proc. Web Sci. Conf.*, 2011.

[22] Network Growth and the Spectral Evolution Model, Jérôme Kunegis, Damien Fay, Christian Bauckhage, *Proc. Int. Conf. on Inf. and Knowl. Manag.*, pp. 739–748, 2010.

[23] The Link Prediction Problem in Bipartite Networks, Jérôme Kunegis, Ernesto W. De Luca, Şahin Albayrak, *Proc. Int. Conf. in Inf. Processing and Manag. of Uncertainty in Knowl.-based Syst.*, pp. 380–389, 2010.

[24] Spectral Analysis of Signed Graphs for Clustering, Prediction and Visualization, Jérôme Kunegis, Stephan Schmidt, Andreas Lommatzsch, Jürgen Lerner, *Proc. SIAM Int. Conf. on Data Min.*, pp. 559–570, 2010.

[25] Connecting Senior Citizens through Interactive TV, Barış Karataş, Torsten Schmidt, Jérôme Kunegis, Till Plumbaum, *Proc. Ambient Assist. Living*, 2010.

[26] Learning Spectral Graph Transformations for Link Prediction, Jérôme Kunegis, Andreas Lommatzsch, *Proc. Int. Conf. on Mach. Learn.*, pp. 561–568, 2009.

[27] The Slashdot Zoo: Mining a Social Network with Negative Edges, Jérôme Kunegis, Andreas Lommatzsch, Christian Bauckhage, *Proc. Int. World Wide Web Conf.*, pp. 741–750, 2009.

[28] Alternative Similarity Functions for Graph Kernels, Jérôme Kunegis, Andreas Lommatzsch, Christian Bauckhage, *Proc. Int. Conf. on Pattern Recognit.*, 2008.

[29] Modeling Collaborative Similarity with the Signed Resistance Distance Kernel, Jérôme Kunegis, Stephan Schmidt, Christian Bauckhage, Martin Mehlitz, Şahin Albayrak, *Proc. Eur. Conf. on Artif. Intell.*, pp. 261–265, 2008.

[30] Assessing the Value of Unrated Items in Collaborative Filtering, Jérôme Kunegis, Andreas Lommatzsch, Martin Mehlitz, Şahin Albayrak, *Proc. Int. Conf. on Digital Inf. Manag.*, pp. 212–216, 2007.

[31] Adapting Ratings in Memory-Based Collaborative Filtering using Linear Regression, Jérôme Kunegis, Şahin Albayrak, *Proc. Int. Conf. on Inf. Reuse and Integration*, 2007.

[32] Collaborative Filtering using Electrical Resistance Network Models with Negative Edges, Jérôme Kunegis, Stephan Schmidt, *Proc. Industrial Conf. on Data Min.*, pp. 269–282, 2007.

[33] A Multi-agent Framework for Personalized Information Filtering, Andreas Lommatzsch, Martin Mehlitz, Jérôme Kunegis, *Proc. German e-Science*, 2007.

[34] Using Novel IR Measures to Learn Optimal Cluster Structures for Web Information Retrieval, Martin Mehlitz, Jérôme Kunegis, Şahin Albayrak, *Proc. Int. Conf. Web Intell.*, 2007.

[35] Scalable Bandwidth Optimization in Advance Reservation Networks, Stephan Schmidt, Jérôme Kunegis, *Proc. Int. Conf. on Netw.*, pp. 95–100, 2007.

[36] A New Evaluation Measure for Information Retrieval Systems, Martin Mehlitz, Christian Bauckhage, Jérôme Kunegis, Şahin Albayrak, *Proc. Int. Conf. on Syst., Man and Cybern.*, 2007.

Workshop Papers

[37] Predicting User Roles in Social Networks using Transfer Learning with Feature Transformation, Jun Sun, Jérôme Kunegis, Steffen Staab, *Proc. ICDM Int. Workshop on Data Min. in Netw.*, 2016.

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

[39] Online Dating Recommender Systems: The Split-complex Number Approach, Jérôme Kunegis, Gerd Gröner, Thomas Gottron, *Proc. Workshop on Recommender Syst. and the Soc. Web*, pp. 37–44, 2012.

[40] KONECT Cloud – Large Scale Network Mining in the Cloud, Jérôme Kunegis, *Proc. Spring 2012 Future SOC Lab Day*, HPI Technical Report Series, 2012.

[41] Link Prediction on Evolving Data using Tensor Factorization, Stephan Spiegel, Jan Clausen, Şahin Albayrak, Jérôme Kunegis, *Proc. Workshop on Behavior Informatics*, 2011.

[42] Multilingual Ontology-based User Profile Enrichment, Ernesto W. De Luca, Till Plumbaum, Jérôme Kunegis, Şahin Albayrak, *Proc. Workshop on the Multilingual Semantic Web*, pp. 41–42, 2010.

[43] Hydra: A Hybrid Recommender System [Cross-Linked Rating and Content Information], Stephan Spiegel, Jérôme Kunegis, Fang Li, *Proc. Workshop on Complex Netw. in Inf. and Knowl. Manag.*, pp. 75–80, 2009.

[44] On the Scalability of Graph Kernels Applied to Collaborative Recommenders, Jérôme Kunegis, Andreas Lommatzsch, Christian Bauckhage, Şahin Albayrak, *Proc. ECAI Workshop on Recommender Syst.*, pp. 35–38, 2008.

[45] Resource-Aware Update Policy for Highly Dynamic P2P Networks, Dragan Milošević, Jérôme Kunegis, Şahin Albayrak, *Proc. WI Workshops*, 2007.

Abstracts

[46] 'Dark Germany': Temporal Characteristics and Connectivity Patterns in Online Far-Right Protests Against Refugee Housing, Sebastian Schelter, Jérôme Kunegis, *Proc. Web Sci. Conf. Extended Abstracts*, 2017.

[47] The Problem of Action at a Distance in Networks and the Emergence of Preferential Attachment from Triadic Closure, Jérôme Kunegis, Fariba Karimi, Jun Sun, *Proc. Int. Sch. and Conf. on Netw. Sci.*, 2017.

[48] Social Networking by Proxy: Analysis of Dogster, Catster and Hamsterster, Daniel Dünker, Jérôme Kunegis, *Proc. Int. Conf. on World Wide Web Companion*, pp. 361–362, 2015.

[49] Twitter as a Political Network – Predicting the Following and Unfollowing Behavior of German Politicians, Julia Perl, Claudia Wagner, Jérôme Kunegis, Steffen Staab, *Proc. Web Sci. Conf.*, 2015.

[50] Linguistic Influence Patterns within the Global Network of Wikipedia Language Editions, Anna Samoilenko, Fariba Karimi, Jérôme Kunegis, Daniel Edler, Markus Strohmaier, *Proc. Web Sci. Conf.*, 2015.

[51] KONECT – The Koblenz Network Collection, Jérôme Kunegis, Steffen Staab, Daniel Dünker, *Proc. Int. Sch. and Conf. on Netw. Sci.*, 2012.

[52] LiveTweet: Monitoring and Predicting Interesting Microblog Posts, Arifah Che Alhadi, Thomas Gottron, Jérôme Kunegis, Nasir Naveed, *Proc. Eur. Conf. on Inf. Retrieval Demonstrations*, pp. 569–570, 2012.

[53] LiveTweet: Microblog Retrieval Based on Interestingess and an Adaptation of the Vector Space Model, Arifah Che Alhadi, Thomas Gottron, Jérôme Kunegis, Nasir Naveed, *Proc. Text Retrieval Conf.*, 2011.

[54] One Community Does Not Rule Them All, Thomas Gottron, Jérôme Kunegis, Ansgar Scherp, Steffen Staab, *Proc. Web Sci. Conf.*, 2011.

[55] Exploiting Hierarchical Tags for Context-awareness, Alan Said, Jérôme Kunegis, Ernesto W. De Luca, Şahin Albayrak, *Proc. Workshop on Exploiting Semantic Annotations for Inf. Retrieval*, pp. 35–36, 2010.

Miscellaneous Peer-Reviewed Publications

[56] Spectral Evolution of Social Networks, Jérôme Kunegis, *Encyclopedia of Soc. Netw. Anal. and Min.*, Springer, 2013.

[57] Social Network Datasets, Jérôme Kunegis, *Encyclopedia of Soc. Netw. Anal. and Min.*, Springer, 2013.

Other Publications

[58] Handbook of Network Analysis [KONECT project], Jérôme Kunegis, *CoRR*, abs/1402.5500(v4), 2017.

[59] On the Ubiquity of Web Tracking: Insights from a Billion-Page Web Crawl, Sebastian Schelter, Jérôme Kunegis, In review, 2016.

[60] Social Networking by Proxy: A Case Study of Catster, Dogster and Hamsterster, Daniel Dünker, Jérôme Kunegis, *CoRR*, abs/1501.04527, 2015.

[61] Applications of Structural Balance in Signed Social Networks, Jérôme Kunegis, *CoRR*, abs/1402.6865, 2014.

[62] DecLiNe – Models for Decay of Links in Networks, Julia Preusse, Jérôme Kunegis, Matthias Thimm, Sergej Sizov, *CoRR*, abs/1403.4415, 2014.

[63] Polcovar: Software for Computing the Mean and Variance of Subgraph Counts in Random Graphs, Jérôme Kunegis, *CoRR*, abs/1402.5835, 2014.

[64] On Joint Diagonalisation for Dynamic Network Analysis, Damien Fay, Jérôme Kunegis, Eiko Yoneki, Technical report, University of Cambridge, 2011.

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

Keynotes and Invited Talks

[T1] Algebraic Graph-theoric Measures of Conflict, Journée Graphes et Systèmes Sociaux (Seminar on Graphs and Soc. Systems), 2016.

[T2] Measuring Conflict in Signed Soc. Networks, Application of Netw. Theory on Comput. Soc. Sci. (Workshop), 2015.

[T3] Large Network Collections: The Power of Many Datasets, Int. Workshop on Soc. Netw. Analysis (ARS), 2015.

[T4] 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

[T5] 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.

[T6] Web Science in Practice: Web Observatories. WSTNet Web Sci. Summer Sch., 2016.

[T7] KONECT: The Koblenz Network Collection – Towards a Broad Analysis of Complex Systems. ETH Zürich, 2015.

[T8] Observing the Web: The Koblenz Network Collection. Bournemouth University, 2013.

[T9] Growth and Decay: Using Machine Learning to Predict the Web's Future, Workshop on Artif. Intell. on the Web, 2012.

[T10] Models of Like, Dislike, Similarity and Dissimilarity using Split-complex Numbers, University College Dublin, 2012.

[T11] Why Is Beyoncé More Popular Than Me: Fairness, Diversity and Other Measures of Network Equality. University of Freiburg, 2012.

[T12] Fairness on the Web: Alternatives to the Power Law. Leibniz-Institut für Sozialwissenschaften, Cologne, 2012.

[T13] On the Spectral Evolution of Large Networks. University College Cork, 2011.

[T14] On the Spectral Evolution of Large Networks. Fraunhofer IAIS, St. Augustin, 2011.

[T15] On the Spectral Evolution of Large Networks. Technical University of Berlin, 2011.

[T16] The Slashdot Zoo: Mining a Social Network with Negative Edges. Data and Knowledge Engineering Research Colloquium, Otto von Guericke University Magdeburg, 2010.

[T17] The Slashdot Zoo: Mining a Social Network with Negative Edges. University of Koblenz–Landau, 2010.

[T18] The Slashdot Zoo: Mining a Social Network with Negative Edges. University of Hannover, 2010.

[T19] PIA+COMM – an Intelligent Search Engine. Michael Hahne, Corinna Jung, Jérôme Kunegis, Andreas Lommatzsch and André Paus. Workshop on the Formation of Soc. Netw. in Social Software Applications, INFORMATIK, 2006.

Talks with Co-authorship Credit

[T20] 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 Comput. Soc. Sci., 2017.

[T21] Challenges in Mining Social Media: Sparsity and Quality. Thomas Gottron, Nasir Naveed, Jérôme Kunegis, Arifah Che Alhadi. Challenges in Document Mining (Dagstuhl Seminar 11171), 2011.

Posters without Publication

[P1] Linguistic Neighbourhoods: Explaining Cultural Borders on Wikipedia through Multilingual Co-editing Activity. Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis, Markus Strohmaier, Int. Sch. and Conf. on Netw. Sci. (NetSciX), 2016.

[P2] Social Network Observatory. Jérôme Kunegis, Markus Strohmaier, Steffen Staab. Computat. Soc. Sci. Winter Symposium (CSSWS), 2015.

[P3] Quantifying Cultural Similarity through Language Co-occurrences in Wikipedia Editing Activity. Anna Samoilenko, Fariba Karimi, Daniel Edler, Jérôme Kunegis, Markus Strohmaier. Comput. Soc. Sci. Winter Symposium (CSSWS), 2015.

[P4] Polarisation in Voting Platforms: A Case Study of LiquidFeedback in the German Pirate Party. Manuel Mittler, Christoph Carl Kling, Jérôme Kunegis, Markus Strohmaier, Comput. Soc. Sci. Winter Symposium (CSSWS), 2015.

[P5] Twitter as a Political Network – Predicting the Following and Unfollowing Behavior of German Politicians. Julia Perl, Claudia Wagner, Jérôme Kunegis, Steffen Staab, Web Sci. Conf., 2015.

[P6] Online Delegative Democracy: A Case Study of the German Pirate Party's Voting Platform. Christoph Carl Kling, Jérôme Kunegis, Heinrich Hartmann. Comput. Soc. Sci. Winter Symposium (CSSWS), 2014.

[P7] Social Networking By Proxy: A Case Study of Catster, Dogster and Hamsterster. Comput. Soc. Sci. Winter Symposium (CSSWS), 2014.

[P8] A Theory-Driven Approach for Link and Unlink Predictions in Directed Social Networks. Julia Perl, Claudia Wagner, Jérôme Kunegis, Steffen Staab. Comput. Soc. Sci. Winter Symposium (CSSWS), 2014.

[P9] Need Networks? KONECT – The Koblenz Network Collection. Eur. Summer Sch. on Information Retrieval (ESSIR), 2011.

[P10] KONECT – The Koblenz Network Collection. Web Sci. Conf., 2011.

[P11] 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 Soc. Netw., 2011.

[P12] On the Spectral Evolution of Large Networks. Postersession für Nachwuchswissenschaftler/innen, University of Koblenz–Landau, 2011.

[P13] On the Spectral Evolution of Large Networks. SIAM Conf. on Data Mining Doctoral Forum (SIAM SDM), 2010.

Demonstrations

[D1] Institute for Web Science and Technologies, conference booth. INFORMATIK 2013.

[D2] Schülerinformationstage, Institute for Web Science and Technologies, University of Koblenz–Landau, 2011, 2013, 2015, 2016.

[D3] LiveTweet: Monitoring and Predicting Interesting Microblog Posts, Eur. Conference on Information Retrieval (ECIR), 2012.

[D4] Time-aware Centrality in Contact Network Analysis. Eiko Yoneki, Damien Fay, Jérôme Kunegis. Eur. Conf. on Complex Systems (ECCS), 2011.

[D5] PIA, Spree, CeBIT, 2010.

[D6] PIA+COMM, CeBIT, 2007.

[D7] 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 Soc. Media (ICWSM) Science Slam, 2016.

- Best Poster Award, Int. Sch. and Conf. on Netw. Sci. (NetSciX), 2016.

- Best Paper Honorable Mention, Int. Conf. on Web and Soc. 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)
- KONECT Toolbox, network analysis toolbox (Matlab, C99)
- Polcovar, software for counting patterns in random graphs (Matlab)
- Universal Recommender, recommendation library (Java)
- BabyChess, chess engine and GUI (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, GNU Octave, sed
- Principal other programming languages and technologies I have used: BASIC, HTML, JavaScript, Logo, Perl, PHP, Turbo Pascal