

# Oliver Günther - Publications

## Authored Books

1. O. Günther, W. Kletti, U. Kubach, *RFID in Manufacturing*, Springer-Verlag, Berlin/Heidelberg/New York, 2008.
2. G. Tamm, O. Günther, *Webbasierte Dienste [Web-based Services]*, Physica-Verlag, Berlin/Heidelberg/New York, 2005.
3. O. Günther, *Environmental Information Systems*, Springer-Verlag, Berlin/Heidelberg/New York, 1998.
4. O. Günther, *Efficient Structures for Geometric Data Management*, Lecture Notes in Computer Science 337, Springer-Verlag, Berlin/Heidelberg/New York, 1988.

## Edited Books

1. J. Bizer, S. Spiekermann, O. Günther (eds.), *TAUCIS – Technikfolgenabschätzung ubiquitäres Computing und informationelle Selbstbestimmung [Technology Impact Study Ubiquitous Computing and Privacy]*, Studie im Auftrag des Bundesministeriums für Bildung und Forschung, 2006.
2. D. Wagner, H. Beilner, O. Günther et al. (eds.), *Ausgezeichnete Informatikdissertationen 2003 [Excellent Dissertations in Computer Science 2003]*, Gesellschaft für Informatik, Bonn, 2004.
3. D. Wagner, H. Beilner, H. Fiedler, O. Günther et al. (eds.), *Ausgezeichnete Informatikdissertationen 2002 [Excellent Dissertations in Computer Science 2002]*, Gesellschaft für Informatik, Bonn, 2003.
4. D. Wagner, H. Fiedler, O. Günther et al. (eds.), *Ausgezeichnete Informatikdissertationen 2001 [Excellent Dissertations in Computer Science 2001]*, Gesellschaft für Informatik, Bonn, 2002.
5. D. Wagner, H. Fiedler, W. Grass, O. Günther et al. (eds.), *Ausgezeichnete Informatikdissertationen 2000 [Excellent Dissertations in Computer Science 2000]*, Gesellschaft für Informatik, Bonn, 2001.
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7. O. Günther, H.-J. Lenz (eds.), *Proc. 12<sup>th</sup> Int. Conf. on Scientific and Statistical Database Management*, IEEE Publications, New York, 2000.
8. H.-K. Arndt, O. Günther (eds.), *Environmental Markup Language (EML)*, Metropolis, Marburg, 2000.
9. H.-K. Arndt, O. Günther, L. M. Hilty, C. Rautenstrauch (eds.), *Metainformationen und Datenintegration in betrieblichen Umweltinformationssystemen (BUIS) [Metainformation and Data Integration in Environmental Management Information Systems (EMIS)]*, Metropolis, Marburg, 1997.
10. V. Gaede, A. Brodsky, O. Günther, V. Vianu, M. Wallace (eds.), *Constraint Databases and Applications*, Lecture Notes in Computer Science 1191, Springer-Verlag, Berlin/Heidelberg/New York, 1997.
11. O. Günther, K.-P. Schulz, J. Seggelke (eds.), *Umweltanwendungen geographischer Informationssysteme [Environmental Applications of Geographic Information Systems]*, Wichmann, Karlsruhe, 1992.
12. O. Günther, H. Kuhn, R. Mayer-Föll, F. J. Radermacher (eds.), *Konzeption und Einsatz von Umweltinformationssystemen [Design and Practice of Environmental Information Systems]*, Informatik-Fachberichte 301, Springer-Verlag, Berlin/Heidelberg/New York, 1992.

13. O.Günther, W.-F. Riekert (eds.), *Wissensbasierte Methoden zur Fernerkundung der Umwelt [Knowledge-Based Techniques for Remote Sensing in Environmental Management]*, Wichmann, Karlsruhe, 1992.
14. O. Günther, H.-J. Schek (eds.), *Advances in Spatial Databases*, Lecture Notes in Computer Science 525, Springer-Verlag, Berlin/Heidelberg/New York, 1991.
15. A.Buchmann, O. Günther, T. Smith, Y.-F. Wang (eds.), *Design and Implementation of Large Spatial Databases*, Lecture Notes in Computer Science 409, Springer-Verlag, Berlin/Heidelberg/New York, 1990.

### Book Chapters

1. T. Winkler, C. Goebel, F. Bidault, O. Günther, Information Technology and Business Practices in Germany: Results from the 2011 BIT Survey, in: U. Karmarkar et al. (eds.), *The BIT Book*, 2011.
2. H. Ziekow, L. Ivantysynova, O. Günther, RFID-Data Cleaning for Shop-Floor Applications, in D. Ranasinghe (ed.), *Unique Radio Innovation for the 21<sup>st</sup> Century: Building Scalable and Global RFID Networks*, Springer-Verlag, Berlin/Heidelberg/New York, 2010.
3. C. Goebel, S. Evdokimov, C. Tribowski, O. Günther, EPCIS-based Supply Chain Event Management – A Quantitative Comparison of Candidate System Architectures, in F. Xhafa, L. Barolli and P. Papajorgji, *Complex Intelligent Systems and Their Applications*, Springer-Verlag, Berlin/Heidelberg/New York, 2009.
4. F. Bidault, C. Goebel, O. Günther, T. Hildebrand, H. Krasnova, The German Business and Information Technologies Project, in: U. Karmarkar et al. (eds.), *The BIT Book*, 2008.
5. B. Fabian, O. Günther, S. Spiekermann, ONS Security, in: S. Ahson and M. Ilyas (eds.), *RFID Handbook: Applications, Technology, Security and Privacy*, CRC Press, 2008.
6. S. Baron, O. Günther, A. Kul, S. Swaminathan, M. Teltzrow, IT Investment Behavior vs. Profitability – an Experimental Study, in: R. Müller, V. Köppen (eds.), *Business Intelligence*, 2007.
7. B. Fabian, O. Günther, L. Ivantysynova, S. Spiekermann, H. Ziekow, Sicherer Informationsaustausch im Internet der Dinge [Secure Information Exchange in the Internet of Things], in: H.-J. Bullinger, M. ten Hompel (eds.), *Internet der Dinge*, Springer-Verlag, Berlin/Heidelberg/New York, 2007.
8. C. Boyens, O. Günther, H.-J. Lenz, Statistical Databases, in: W. Härdle, Y. Mori et al. (eds.), *Handbook of Computational Statistics*, Springer-Verlag, Berlin/Heidelberg/New York, 2004.
9. O. Günther, Data Management in Environmental Information Systems, in: J. Abello, P. M. Pardalos, M. G. C. Resende (eds.), *Handbook of Massive Datasets*, Kluwer Academic Publishers, pp. 981-1092, 2002.
10. H.-K. Arndt, M. Christ, O. Günther, EMS Records and Information Management of Environmental Aspects and Their Associated Impacts with Metadata, in: J. Kisielnicki, *Modern Organizations in Virtual Communities*, IRM Press, 2002.
11. H.-K. Arndt, M. Christ, O. Günther, Environmental Reporting in the Public Interest, in: C. Rautenstrauch, S. Patig (eds.), *Environmental Information Systems in Industry and Public Administration*, Idea Group Publishing, Hershey, PA, 2001.

12. O. Günther, R. Müller, From GISystems to GIServices: Spatial Computing in the Internet Marketplace, in: M. Egenhofer, R. Fegeas, M. Goodchild (eds.), *Interoperability in Geographic Information Systems*, Kluwer Academic Publishers, 1998.
13. O. Günther, A. Voisard, Metadata in Geographic and Environmental Data Management, in: W. Klas, A. Sheth (eds.), *Managing Multimedia Data: Using Metadata to Integrate and Apply Digital Data*, McGraw-Hill, 1998.
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### Journal Papers

1. H. Leopold, J. Mendling, O. Günther, What We Can Learn From Quality Issues of BPMN Models From Industry?, *IEEE Software*, to appear.
2. H. Krasnova, N. F. Veltri, K. Spengler, O. Günther, Deal of the Day Platforms: What drives consumer loyalty? *Business & Information Systems Engineering*, Special Issue "BISE and Marketing". 2013.
3. B. Fabian, S. Kunz, S. Müller, O. Günther: Secure Federation of Semantic Information Services. *Decision Support Systems*, 2012. DOI: 10.1016/j.dss.2012.05.049
4. B. Fabian, S. Kunz, M. Konneken, S. Müller, O. Günther, Access control for semantic data federations in industrial product-lifecycle management. *Computers in Industry*, 2012.
5. H. Krasnova, N. Veltri, O. Günther, Self-disclosure and Privacy Calculus on Social Networking Sites: The Role of Culture, *Business & Information Systems Engineering Journal*. DOI 10.1007/s12599-012-0216-6. German version: Die Rolle der Kultur in der Selbstoffenbarung und Privatsphäre in sozialen Onlinenetzen: Interkulturelle Dynamik des Privatsphärenkalküls, *Wirtschaftsinformatik* 54(3), 2012.
6. P. Loos, J. Lechtenböcker, G. Vossen, A. Zeier, J. Krüger, J. Müller, W. Lehner, D. Kossmann, B. Fabian, O. Günther, R. Winter, In-Memory-Datenmanagement in betrieblichen Anwendungssystemen. *Wirtschaftsinformatik* 53(6), 2011. DOI: 10.1007/s11576-011-0296-9.
7. S. Evdokimov, B. Fabian, O. Günther, L. Ivantysynova, H. Ziekow, RFID and the Internet of Things: Technology, Applications, and Security Challenges, *Foundations and Trends in Technology, Information and OM*. 4(2): 105-185, 2010. <http://dx.doi.org/10.1561/02000000020>
8. S. Evdokimov, M. Fischmann, O. Günther, Provable Security for Outsourcing Database Operations, *International Journal of Information Security and Privacy*, 4(1), 2010.
9. H. Krasnova, O. Günther, S. Spiekermann, K. Koroleva, Privacy Concerns and Identity in Online Social Networks, *Identity in the Information Society Journal*, 2009, [www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s12394-009-0019-1](http://www.springerlink.com/openurl.asp?genre=article&id=doi:10.1007/s12394-009-0019-1)
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11. H. Ziekow, O. Günther, Sharing RFID and Complex Event Data Among Organizations, *Information Systems Frontiers*, 12(5), 2010
12. B. Fabian, O. Günther, Security Challenges of the EPC Network, *Communications of the ACM* 52(7), 2009.
13. O. Günther, G. Tamm, F. Leymann, Pricing Web Services, *International Journal of Business Process Integration and Management* 2(2), 2007
14. O. Günther, L. Ivantysynova, M. Teltzrow, H. Ziekow, Kooperation in RFID-gestützten Wertschöpfungsnetzen [Cooperation in RFID-Enabled Value Chains], *Industrie Management* 22:41-44, 2006.
15. O. Günther, M. Klafft, Internettechnologien im Kontext moderner Wertschöpfungsnetze – Beispielanwendungen am Point of Sale [Internet Technologies in Modern Value Chains – Example Applications at the Point of Sale], *IT - Information Technology* 48(4):193-199, 2006.
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17. B. Berendt, O. Günther, S. Spiekermann, Privacy in E-Commerce: Stated Preferences vs. Actual Behavior, *Communications of the ACM* 48(4):101-106, 2005.
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25. H.-A Jacobsen, O. Günther, G. Riessen, Component Leasing on the World Wide Web, *Netnomics* 2:191-219 (Special Issue "Information and Communication Middleware"), 2000.
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36. O. Günther, G. Hess, M. Mutz, W.-F. Riekert, T. Ruwwe, RESEDA: A Knowledge-Based Advisory System for Remote Sensing, *Applied Intelligence*, 3(4), 1993.
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#### Articles in Conference Proceedings

1. V. Schöndienst, O. Günther, Like Versus Dislike: How Facebook's Like-Button Influences People's Perception of Product and Service Quality, Proc. International Conference on Information Systems (ICIS) 2012, Orlando, Florida, 2012.

2. T. Winkler, O. Günther, Participatory urban sensing: Citizens' acceptance of a mobile reporting service, *Proc. 20th European Conference on Information Systems (ECIS) 2012*, Barcelona, Spain, 2012.
3. K. Schäfer, H. Krasnova, O. Günther, O., What Makes them "like" the deal? Investigating determinants of e-word-of-mouth, Poster Session, *Proc. 20th European Conference on Information Systems (ECIS) 2012*, Barcelona, Spain, 2012.
4. F. Brecht, A. Eckhardt, C. Berger, O. Günther, Corporate career presences on social network sites: an analysis of hedonic and utilitarian value. In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI)*, 2012.
5. T. Winkler, O. Günther, Explaining the Governance of Software as a Service Applications: A Process View, *Tagungsband Multikonferenz Wirtschaftsinformatik (MKWI)*, Braunschweig, 2012.
6. K. Schäfer, O. Günther, Evaluating the Effectiveness of Relational Marketing Strategies in Corporate Website Performance, *Proc. 3. GI-Workshop Business Intelligence (WSBI 11), CEUR Workshop Proceedings (CEUR-WS.org)*, 2011
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8. K. Koroleva, H. Krasnova, N. Veltri, O. Günther, It's All About Networking! Empirical Investigation of Social Capital Formation on Social Network Sites, *Proc. International Conference on Information Systems (ICIS) 2011*, Penang, Malaysia, 2011 (2<sup>nd</sup> runner up best paper award).
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16. V. Schöndienst, L. H. Xuan, O. Günther, Investigating early adopters' use of location-based social networks: implications for local businesses and service providers, *Proc. 10. Internationale Tagung Wirtschaftsinformatik (WI 2011)* Zürich, 2011
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