- AbBi93 Abramovici, M.; Bickelmann, S.: Engineering Data Management (EDM) Systeme: Anforderungen, Stand der Technik und Nutzenpotenziale, CIM Management, 9 (5), 1993, pp. 21-28.
- ABH+02 Ankolenkar, A.; Burstein, M.; Hobbs, J. R.; Lassila, O.; Martin, D. L.; McDermott, D.; McIlraith, S. A.; Narayanan, S.; Paolucci, M.; Payne, T. R.; Sycara K. (The DAML Services Coalition): DAML-S: Web Service Description for the Semantic Web, The 1st International Semantic Web Conference (ISWC), Sardinia, June, 2002.
- Abow99 Abowd, G. D.: Software Engineering Issues for Ubiquitous Computing, Proc. of the International Conference on Software Engineering (ICSE), Los Angeles, USA, May, 1999.
- ACRV03 Aversano, L.; Canfora, G.; Rollo, F.; Venturi, G.: A Framework Architecture for System Integration, RCOST Research Centre on Software Technology, Department of Engineering, University of Sannio, www.rcost.unisannio.it/~fabio/ACRV.pdf, [letzter Besuch: 2003-06-12].
- Agen03 AgentLink: European Network of Excellence for Agent-Based Computing, www.agentlink.org, [letzter Besuch: 2003-08-29].
- AlIS77 Alexander, C.; Ishikawa, S.; Silverstein, M.: *A Pattern Language*, Oxford University Press, 1977.
- Ambles, S. W.: Process Patterns: Building Large-Scale Systems Using Object Technology, Cambridge University Press, January, 1999.
- Ambl99b Ambler, S. W.: More Process Patterns: Delivering Large-Scale Systems Using Object Technology, Cambridge University Press, January, 1999.
- Amblo2 Ambler, S. W.: Agile Modeling: Effective Practices for Extreme Programming and the Unified Process, John Wiley & Sons, 2002.
- AnRo01 Anastopoulos, M.; Romberg, T.: Referenzarchitekturen für Web-Applikationen, Projekt Application2Web, Forschungszentrum Informatik (FZI), Dezember, 2001, http://app2web.fzi.de/, [letzter Besuch: 2003-06-12].
- Apac03 The Apache Jakarta Project, Jakarta Struts, http://jakarta.apache.org/struts/, [letzter Besuch: 2003-06-24].

Atki02 Atkinson, B. et al.: Web Services Security (WS-Security), IBM, April, 2002, http://www-106.ibm.com/developerworks/webservices/library/ws-secure/, [letzter Besuch: 2003-06-12].

- Back Bass, L.; Clements, P.; Kazman, R.: Software Architecture in Practice, Addison-Wesley, 1998.
- BaGP00 Baresi, L.; Garzotto, F.; Paolini, P.: From Web Sites to Web Applications: New Issues for Conceptual Modeling. In: Workshop on Conceptual Modeling for E-Business and the Web: Liddle, S. W.; Mayr, H. C.; Thalheim, B. (Ed.), Springer LNCS 1921, October, 2000, pp. 89-100.
- BaGP01 Baresi, L.; Garzotto, F.; Paolini, P.: Extending UML for Modeling Web Applications, Proc. of the 34th Hawaii International Conference on Systems Sciences (HICSS 2001), Maui, Hawaii, January, 2001.
- Baker, F. T.: Chief Programmer Team Management of Production Programming, IBM Systems Journal, 11 (1), 1972, pp. 56-73.
- BaLe01 Baskerville, R.; Levine, L.: *How Internet Software Companies Negotiate Quality*, IEEE Computer, 34 (5), May, 2001, pp. 51-57.
- Balz00 Balzert, H.: *Lehrbuch der Software-Technik* 1, 2. Auflage, Spektrum Akademischer Verlag, 2000.
- BaPB02 Balasubramaniam, R.; Pries-Heje, J.; Baskerville, R.: *Internet Software Engineering: A Different Class of Processes*, Annals of Software Engineering, 14 (1-4), December, 2002, pp. 169-195.
- BaRi99 Baeza-Yates, R.; Ribeiro-Neto, B.: *Modern Information Retrieval*, Addison-Wesley 1999.
- BBC+03 Bongio, A.; Brambilla, M.; Ceri, S.; Comai, S.; Fraternali, P.; Matera, M.: *Designing Data-Intensive Web Applications*, Morgan Kaufmann, 2003.
- BBMW03 Beer, W.; Birngruber, D.; Mössenböck, H.; Wöß, A.: *Die .NET-Technologie*, dpunkt.verlag, 2003
- BCC+03a Brambilla, M.; Ceri, S.; Comai, S.; Fraternali, P.; Manolescu, I.: *Specification and Design of Workflow-Driven Hypertexts*, Journal of Web Engineering (JWE), 1 (2), April, 2003, pp. 163-182.
- BCC+03b Brambilla, M.; Ceri, S.; Comai, S.; Fraternali, P.; Manolescu, I.: *Model-driven Development of Web Services and Hypertext Applications*, SCI2003, Orlando, Florida, July, 2003.
- BCG00 Boston Consulting Group: Winning the Online Consumer in Canada: Converting Browsers into Buyers, www.bcg.com/publications/files/Winning\_Online\_Consumer\_Canada\_Report\_Jun00.pdf, [letzter Besuch: 2003-06-26].
- Beck, K.: Extreme Programming Explained: Embrace Change, Addison-Wesley, 1999.
- Beck00 Beck, K.: Extreme Programming Explained, Addison-Wesley, 2000.
- Beck 03 Beck, K.: Test-Driven Development, Addison-Wesley, 2003.
- BeFF96 Berners-Lee, T.; Fielding, R.; Frystyk, H.: Hypertext Transfer Protocol (HTTP/1.0), May, 1996, http://ftp.ics.uci.edu/pub/ietf/http/rfc1945.html, [letzter Besuch: 2003-07-22].

BeFo00 Beck, K.; Fowler, M.: Planning Extreme Programming, Addison-Wesley, 2000.

- BeHL01 Berners-Lee, T.; Hendler, J.; Lassila, O.: *The Semantic Web*, Scientific American, May, 2001.
- Beizer, B.: Software Testing Techniques, 2. Edition, Van Nostrand Reinhold, 1990.
- BeMc02 Beck, K.; McBreen, P.: Questioning Extreme Programming, Addison-Wesley Longman, 2002.
- BenN95 Ben-Natan, R.: CORBA: A Guide to Common Object Request Broker Architecture, McGraw-Hill, 1995.
- Benn Bennatan, E. M.: On Time, Within Budget: Software Project Management Practices and Techniques, 2. Edition, John Wiley & Sons, 1995.
- BePR01 Bellifemine, F.; Poggi, A.; Rimassa, G.: Developing multi agent systems with a FIPA-compliant agent framework. In: Software Practice And Experience, 2001, pp. 103-128.
- Bern96 Berners-Lee, T.: WWW: Past, Present, and Future, IEEE Computer, 29 (10), October, 1996, pp. 69-77.
- Bernstein, M.: *Patterns of Hypertext*, Proc. of the 9th ACM Conference on Hypertext and Hypermedia (Hypertext 1998), Pittsburgh, June, 1998.
- BeTh76 Bell, T. E.; Thayer, T. A.: Software Requirements: Are They Really a Problem? Proc. of the 2nd International Conference on Software Engineering (ICSE 1976), San Francisco, CA, USA, January, 1976.
- BFK+00 Badrinath, B.; Fox, A.; Kleinrock, L.; Popek, G.; Reiher, P.; Satyanarayanan, M.: *A conceptual framework for network and client adaptation*, IEEE Mobile Networks and Applications (MONET), 5 (4), December, 2000, pp. 221-231.
- BHGS01 Bechhofer, S.; Horrocks, I.; Goble, C.; Stevens, R.: OilEd: a Reason-able Ontology Editor for the Semantic Web, Proc. of KI2001, Joint German/Austrian conference on Artificial Intelligence, September, Vienna, 2001.
- BKKR03 Bernauer, M.; Kappel, G.; Kramler, G.; Retschitzegger, W.: Specification of Interorganizational Workflows A Comparison of Approaches, Proc. of the 7th World Multiconference on Systemics, Cybernetics and Informatics (SCI 2003), Orlando, USA, July, 2003.
- BMR+96 Buschmann, F.; Meunier, R.; Rohnert, H.; Sommerlad, P.; Stal, M.: *Pattern Oriented Software Architecture: A System of Patterns*, John Wiley & Sons, 1996.
- BoDM02 Boukerche, A.; Das, S. K.; Majumdar, S. (Ed.): Proc. of the 10th IEEE/ACM Symposium on Modeling, Analysis, and Simulation of Computer and Telecommunications Systems (MASCOTS 2002), Fort Worth, Texas, USA, IEEE Press, October, 2002.
- BoDu01 Bourque, P.; Dupuis, R. (Ed.): Guide to the Software Engineering Body of Knowledge, IEEE, May, 2001, www.swebok.org/, [letzter Besuch: 2003-06-12].
- Boeh76 Boehm, B. W.: *Software engineering*, IEEE Transactions on Computers, 25 (12), 1976, pp. 1226–1241.
- Boeh81 Boehm, B. W.: Software Engineering Economics, Prentice Hall, 1981.
- Boeh96 Boehm, B. W.: Anchoring the Software Process, IEEE Software, 13 (4), July, 1996, pp. 73-82.

Boeh98 Boehm, B. W.: *Software Risk Management*, Lecture Notes CS577a, 510, Center for Software Engineering, University of Southern California, 1998.

- Boeh00a Boehm, B. W.: Spiral Development: Experience, Principles, and Refinements, Spiral Development Workshop, Special Report CMU/SEI-2000-SR-008, February, 2000, www.sei.cmu.edu/publications/documents/00.reports/00sr008.html, [letzter Besuch: 2003-06-12].
- Boeh00b Boehm, B. W.: Requirements that handle IKIWISI, COTS, and Rapid Change, IEEE Computer, 33 (7), July, 2000, pp. 99-102.
- Boeh00c Boehm, B. W. et al.: Software Cost Estimation with COCOMO II, Prentice Hall, 2000.
- BoGB01 Boehm, B.; Grünbacher, P.; Briggs, B.: Developing Groupware for Requirements Negotiation: Lessons Learned, IEEE Software, 18 (3), May-June 2001, pp. 46-55.
- BoJR99 Booch, G.; Jacobson, I.; Rumbaugh, J.: *The Unified Modeling Language User Guide*, Addison-Wesley, 1999.
- Bomm03 Bommel, P. v. (Ed.): *Information Modeling for Internet Applications*, Idea Group Publications, USA, 2003.
- Booc94 Booch, G.: Object-Oriented Analysis and Development with Applications, 2. Edition, Benjamin/Cummings, 1994.
- Borcoll Borchers, J.: A pattern approach to interaction design, John Wiley & Sons, 2001.
- BrGr02 Briggs, B.; Grünbacher, P.: EasyWinWin: Managing Complexity in Requirements Negotiation with GSS, Proc. of the 35th Annual Hawaii International Conference on System Sciences (HICSS 2002), Big Island, Hawaii, IEEE Computer Society, January, 2002.
- BrMT00 Brown, W. J.; McCormick, H. W.; Thomas, S. W.: AntiPatterns in Project Management, John Wiley & Sons, 2000.
- Brom01 Bromnick, M.: *Testing Tools, Trends and Perspectives*, In: Software Quality: State of the Art in Management, Testing, and Tools, Wieczorek, M., Meyerhoff, D. (Ed.), Springer-Verlag, 2001.
- Broo87 Brooks, F. P.: No Silver Bullet: Essence and Accidents of Software Engineering, IEEE Computer, 20 (4), April, 1987, pp. 10-19.
- BrPa98 Brin, S.; Page, L.: The Anatomy of a Large Scale Hypertextual Web Search Engine, 1998.
- BrSc85 Brachman, R.; Schmolze, J.: An overview of the KL-ONE knowledge representation system, Cognitive Science, 9 (2), 1985.
- BRSS00 Buschmann, F.; Rohnert, H.; Schmidt, D.; Stal, M.: Pattern Oriented Software Architecture: Patterns for Concurrent and Networked Objects, John Wiley & Sons, 2000.
- Brus01 Brusilovsky, P.: *Adaptive Hypermedia*, User Modeling and User Adapted Interaction, Ten Year Anniversary Issue, 11 (1-2), Kobsa, A. (Ed.), Kluwer Academic Publishers, 2001, pp. 87-110.
- Buch02a Buchholz, C.: *Digital Identities and Federation*, Datenschutz und Datensicherheit (DuD) 26, September, 2002, S. 527-531.

- Buch02b Buchholz, C.: Web Services Security, SAP Techreport, October, 2002.
- Burd99 Burdmann, J.: Collaborative Web Development: Strategies and Best Practices for Web Teams, Addison-Wesley, 1999.
- Bush 45 Bush, V.: *As we may think*, The Atlantic Monthly, 176 (1), 1945, pp. 101–108.
- CeFM02 Ceri, S.; Fraternali, P.; Matera, M.: Conceptual modeling of Data-Intensive Web applications, IEEE Internet Computing, 6 (4), July-August, 2002, pp. 20-30.
- CFB+03 Ceri, S.; Fraternali, P.; Bongio, A.; Brambilla, M.; Comai, S.; Maristella, M.: *Designing Data-Intensive Web Applications*, Morgan Kaufmann, 2003.
- CGI01 The CGI Specification, Version 1.1, University of Illinois, Urbana-Champaign, USA, 2001, http://hoohoo.ncsa.uiuc.edu/cgi/interface.html, [letzter Besuch: 2003-06-13].
- Chan Chan, S. S.: Teaching Team Projects in E-Commerce Development Courses: Design, Management, and Assessment Issues, Proc. of the 17th Annual Conference of the International Academy for Information Management (ICIER 2002), Barcelona, December, 2002.
- Chen, P.,: *The Entity-Relationship Model Toward a Unified View of Data*, ACM Transactions on Database Systems, 1 (1), March, 1976, pp. 9-36.
- ChSP98 Christodoulou, S.; Styliaras, G.; Papatheodourou, T.: Evaluation of Hypermedia Application Development and Management Systems, Proc. of the 9th ACM Conference on Hypertext and Hypermedia (Hypertext 1998), Pittsburgh, June, 1998.
- CNYM00 Chung, L.; Nixon, B. A.; Yu, E.; Mylopoulos, J.: Non-Functional Requirements in Software Engineering, Kluwer Academic Publishers, 2000.
- Cock01 Cockburn, A.: Writing Effective Use Cases, Addison-Wesley, 2001.
- CoLo01 Constantine, L.; Lockwood, L.: Software for Use: A Practical Guide to Models and Methods for Usage-Centered Design, ACM Press, 2001.
- CoLo02 Constantine, L. L.; Lockwood, L. A. D.: *Usage-Centered Engineering for Web Applications*, IEEE Software, 19 (2), March-April, 2002, pp. 42-50.
- CoMM02 Comai, S.; Matera, M.; Maurino, A.: A Model and a XSL Framework for Analysing the Quality of WebML Conceptual Schemas, International Workshop on Conceptual Modeling Quality (IWCMQ'02 ER'02), Tampere, Finland, October, 2002.
- CoMS99 Cooley, R.; Mobasher, B.; Srivastava, J.: *Data Preparation for Mining World Wide Web Browsing Patterns*, Knowledge and Information Systems, 1 (1), Springer-Verlag, 1999.
- Cona00 Conallen, J.: Building Web Applications with UML, Addison-Wesley, 2000.
- Cona03 Conallen, J.: *Building Web Applications with UML*, 2. Edition, Addison-Wesley, 2003.
- Conk87 Conklin, J.: *Hypertext: An Introduction and Survey*, IEEE Computer, 20 (9), September, 1987, pp. 17-41.
- Conn02 Telefonieren am Steuer gefährlicher als Fahren unter Alkoholeinfluss, Connect, Nr. 6/2002, Online-Archiv, www.connect.de/d/723, [letzter Besuch: 2003-06-26].

Coom03 Coombs, J.: IIS Security and Programming Countermeasures, e-Book, 2003, http://forensics.org, [letzter Besuch: 2003-06-13].

- CrCl99 Crane, A.; Clyde, S. W.: A Lightweight Development Process for Implementing Business Functions on the Web, Proc. of the World Conference on the WWW and Internet (WebNet 1999), Honolulu, Hawaii, October, 1999.
- CrHo03 Crispin, L.; House, T.: Testing Extreme Programming, Addison-Wesley, 2003.
- CrTB98 Crovella, M. E.; Taqqu, M. S.; Bestavros, A.: Heavy-tailed Probability Distributions in the World Wide Web, In: A Practical Guide To Heavy Tails, Chapman & Hall, 1998, pp. 3-25.
- Cutt00 Cutter Consortium, Poor Project Management Number-one Problem of Outsourced E-projects, Cutter Research Briefs, November, 2000, www.cutter.com/research/2000/crb001107.html, [letzter Besuch: 2003-06-13].
- Dart Dart, S.: Configuration Management: The Missing Link in Web Engineering, Artech House, 2000.
- DeDe00 De Troyer, O.; Decruyenaere, T.: Conceptual Modelling of Web Sites for End-Users, WWW Journal, 3 (1), Baltzer Science Publishers, 2000, pp. 27-42.
- DeHa01 Deshpande, Y.; Hansen, S.: Web Engineering: Creating a Discipline among Disciplines, Special Issue on Web Engineering, IEEE Multimedia, 8 (2), April-June, 2001, pp. 82-87.
- DeHM99 Deshpande, Y.; Hansen, S.; Murugesan, S.: Web Engineering: Beyond CS, IS and SE An Evolutionary and Non-Engineering View, Proc. of the 1st ICSE Workshop on Web Engineering (held in conjunction with the International Conference on Software Engineering, ICSE 1999), Los Angeles, USA, May, 1999.
- DeMa95 DeMarco, T.: On System Architecture, Proc. of the 1995 Monterey Workshop on Specification-Based Software Architectures, Monterey, California, September, 1995.
- DeMM00 Decker, S.; Mitra, M. P.; Melnik, S.: Framework for the Semantic Web: An RDF Tutorial, IEEE Internet Computing, November-December, 2000, pp. 68-73.
- Denning, A.: ActiveX controls inside out, Redmond, Microsoft Press, 1997.
- DeVillers, D. J.: Introducing the RUP into an Organization, The Rational Edge, 2002, www.therationaledge.com/content/jan\_02/m\_introducingTheRUP\_dd.html, [letzter Besuch: 2003-06-23].
- DLWZ03 Dumke, R.; Lother, M.; Wille, C.; Zborg, F.: Web Engineering, Pearson Studium, 2003.
- DMG+02 Deshpande, Y.; Murugesan, S.; Ginige, A.; Hansen, S.; Schwabe, D.; Gaedke, M.; White, B.: *Web Engineering*, Journal of Web Engineering, 1 (1), 2002, pp. 3-17.
- DuRM01 Dustin, E.; Rashka, J.; McDiarmid, D.: Quality Web Systems: Performance, Security, and Usability, Addison-Wesley, 2001.
- DuRM02 Dustin, E.; Rashka, J.; McDiarmid, D.: Quality Web Systems: Performance, Security, and Usability, Addison-Wesley, 2002.
- Ecke01 Eckert, C.: IT-Sicherheit. Konzepte, Verfahren, Protokolle, Oldenbourg, 2001.
- EGH+92 Engels, G.; Gogolla, M.; Hohenstein, U.; Hulsmann, K.,; Lohr-Richter, P.; Saake, G.; Ehrich, H. D.: Conceptual modelling of database applications using an extended ER model, Data & Knowledge Engineering, 9 (2), 1992, pp. 157-204.

EiVP01 Eisenstein, J.; Vanderdonckt, J.; Puerta, A.: *Applying Model-Based Techniques* to the Development of UIs for Mobile Computers, Proc. of the 5th International Conference on Intelligent User Interfaces (IUI 2001), ACM Press, Santa Fe, NM, USA, January, 2001.

- ESI95 European Software Institute, ESPITI User Survey, TR 95104, ESSI Project No. 11000, 1995, www.esi.es/VASIE/Reports/All/11000/Download.html, [letzter Besuch: 2003-06-13].
- FaSJ99 Fayad, M. E.; Schmidt, D. C.; Johnson, R. E.: Building Applications Frameworks: Object Oriented Foundations of Framework Design, John Wiley & Sons, 1999.
- Faul01 Faulkner Information Services: Managing Web Site Performance: Monitoring, Simulation, and Load Balancing, e-Book, 2001.
- FBB+99 Fowler, M.; Beck, K.; Brant, J.; Opdyke, W.; Roberts, D.: Refactoring: Improving the Design of Existing Code, Addison-Wesley, 1999.
- FHH+00 Fensel, D.; Horrocks, I.; Van Harmelen, F.; Decker, S.; Erdmann, M.; Klein, M.: OIL in a nutshell. In: Knowledge Acquisition, Modeling, and Management, Proc. of the European Knowledge Acquisition Conference (EKAW-2000), Springer-Verlag, October, 2000.
- FIPA02 Foundation for Intelligent Physical Agents: FIPA Communicative Act Library Specification, December, 2002, www.fipa.org/specs/fipa00037/SC00037J.html, [letzter Besuch: 2003-07-14].
- FiSa01 Finkelstein, A.; Savigni, A.: A Framework for Requirements Engineering for Context-Aware Services, Proc. of the 1st International Workshop from Software Requirements to Architectures (STRAW 2001), Toronto, May, 2001.
- Four Pournier, R.: A Methodology for Client/Server and Web Application Development, Prentice Hall, 1998.
- Frat99 Fraternali, P.: Tools and approaches for data-intensive Web applications: A survey, ACM Computing Surveys, 31 (3), September, 1999, pp. 227-263.
- Frie02 Friedlein, A.: Web-Projektmanagement Systematisches Vorgehen bei der Planung, Realisierung und Pflege von Websites, dpunkt.verlag, 2002.
- FrMa03 Franch, X.; Maiden, N. A. M.: Modeling Component Dependencies to Inform their Selection, Proc. of the 2nd International Conference on COTS-Based Software Systems (ICCBSS 2003), Ottawa, Springer LNCS 2580, 2003.
- FrPa98 Fraternali, P.; Paolini, P.: A conceptual model and a tool environment for developing more scalable and dynamic Web applications, Proc. of the Conference On Extended Database Technology (EDBT'98), Valencia, Spain, March, 1998.
- GaCR00 Gadde, S.; Chase, J.; Rabinovich, M.: Web Caching and Content Distribution: A View from the Interior, Proc. of the 5th International Web Caching Workshop and Content Delivery Workshop (WCW 2000), Lisbon, Portugal, May, 2000.
- Gaed00 Gaedke, M.: Komponententechnik für Entwicklung und Evolution von Anwendungen im World Wide Web, Shaker Verlag, 2000.
- GaHJ97 Gamma, E.; Helm, R.; Johnson, R.: Design Patterns. Elements of Reusable Object-Oriented Software, Addison-Wesley, 1997.

GaMP95 Garzotto, F.; Mainetti, L.; Paolini, P.: *Hypermedia Design, Analysis, and Evaluation Issues*, Communications of the ACM, 38 (8), August, 1995, pp. 74-86.

- GeAh01 Gernert, C.; Ahrend, N.: *IT-Management: System statt Chaos*, R. Oldenbourg Verlag, 2001.
- GeCo00 German, D.; Cowan, D.: Towards a Unified Catalogue of Hypermedia Design Patterns, Proc. of the 33rd Hawaii International Conference on System Sciences (HICSS 2000), Maui, Hawaii, January, 2000.
- GeGa99 Gehring, H.; Gadatsch, A.: Ein Rahmenkonzept für die Modellierung von Geschäftsprozessen und Workflows, Fachbereichsbericht Nr. 274, Fachbereich Wirtschaftswissenschaft, FernUniversität Hagen, September, 1999.
- Gemm97 Gemmer, A.: Risk Management: Moving Beyond Process, IEEE Computer, May, 1997, pp. 33-43.
- Gene98 Genesereth, M. R.: *Knowledge Interchange Format*, draft proposed American National Standard (dpANS), NCITS.T2/98-004, http://logic.stanford.edu/kif/kif.html, [letzter Besuch: 2003-08-29].
- GhMJ02 Ghezzi, C.; Mandrioli, D.; Jazayeri, M.: Fundamentals of Software Engineering, Prentice Hall, 2002.
- GiLR95 Ginige, A.; Lowe, D.; Robertson, J.: *Hypermedia Authoring*, IEEE Multimedia, 2 (4), Winter, 1995, pp. 24-35.
- GiMu01a Ginige, A.; Murugesan, A.: Web Engineering An Introduction, Special Issue on Web Engineering, IEEE Multimedia, 8 (1), January-March, 2001, pp. 14-18.
- GiMu01b Ginige, A.; Murugesan, S.: *The Essence of Web Engineering*, Special Issue on Web Engineering, IEEE Multimedia, 8 (2), April-June, 2001, pp. 22-25.
- Gini00 Ginige, A.: Web Engineering in Action, Proc. of the 2nd ICSE Workshop on Web Engineering (held in conjunction with the Int. Conference on Software Engineering, ICSE 1999), Limerick, Ireland, June, 2000.
- Glas03 Glass, R. L.: A Mugwump's-Eye View of Web Work, Communications of the ACM, 46 (8), August, 2003, pp. 21-23.
- GlMc02 Glushko, R.; McGrath, T.: *Document Engineering for E-business*, Proc. of the ACM Symposion on Document Engineering (DocEng) (held in conjunction with the ACM Int. Conf. on Information and Knowledge Management, CIKM), Virginia, USA, November 2002.
- GLMR01 Großmann, M.; Leonhardi, A.; Mitschang, B., Rothermel, K.: A World Model for Location-Aware Systems, Informatik, 8 (5), October, 2001, pp. 22-25.
- GoCP01 Gomez, J.; Cachero, C.; Pastor, O.: Extending a Conceptual Modelling Approach to Web Application Design, Proc. of the 1st International Workshop on Web-Oriented Software Technology, Valencia, Spain, June, 2001.
- GoJS96 Gosling, J.; Joy, B.; Steele, G.: The Java<sup>TM</sup> Language Specification, Addison-Wesley, 1996.
- GoLi02 Gorton, I.; Liu, A.: Software Component Quality Assessment in Practice: Successes and Practical Impediments, Proc. of the International Conference on Software Engineering (ICSE 2002), Orlando, May, 2002.

GrBr03 Grünbacher, P.; Braunsberger, P.: Tool Support for Distributed Requirements Negotiation. In: Cooperative methods and tools for distributed software processes, Cimititle, A., De Lucia, A., Gall, H. (Ed.), Verlag Franco Angeli, 2003.

- GrEM01 Grünbacher, P.; Egyed, A.; Medvidovic, N.: Reconciling Software Requirements and Architectures: The CBSP Approach, Proc. of the 5th IEEE International Symposium on Requirements Engineering (RE 2001), Toronto, Canada, August, 2001.
- GrKn02 Grüne, M.; Kneuper, R.: Web Engineering, Wirtschaftsinformatik, 44 (3), 2002, S. 269-275.
- GrRa03 Greiner, U.; Rahm, E.: WebFlow: Ein System zur flexiblen Ausführung webbasierter, kooperativer Workflows, Tagungsband der 10. BTW-Konferenz (Datenbanksysteme für Business, Technologie und Web): Weikum, G.; Schöning, H.; Rahm, E. (Hrsg.), Leipzig, Februar, 2003.
- Grub93 Gruber, T. R.: A translation approach to portable ontology specifications, Knowledge Acquisition, 5 (2), 1993, pp. 199-220.
- GSMF03 Grünbacher, P.; Stallinger, F.; Maiden, N. A. M.; Franch, X.: A Negotiation-based Framework for Requirements Engineering in Multi-stakeholder Distributed Systems, Workshop on Requirements Engineering and Open Systems (REOS), Monterey, CA, September, 2003, www.cs.uoregon.edu/~fickas/REOS/, [letzter Besuch: 2003-07-31]
- GuWe02 Guarino, N.; Welty, C.: Evaluating ontological decisions with ONTO-CLEAN, Communications of the ACM, 45 (2), February, 2002, pp. 61-65.
- HaBG03 Halling, M.; Biffl, St.; Grünbacher, P.: An Economic Approach for Improving Requirements Negotiation Models with Inspection, To appear: Requirements Engineering Journal, Springer-Verlag London.
- HaKR01 Haring, G.; Kotsis, G.; Raghavan, S. V. (Hrsg.): Workload Characterization in High Performance Computing Environments, OCG Schriftenreihe, Band 114, 2001.
- Hallo2 Hall, R. J.: Open modeling in multi-stakeholder distributed systems: requirements engineering for the 21st Century, Proc. of the 1st Workshop on the State of the Art in Automated Software Engineering, U.C. Irvine Institute for Software Research, June, 2002.
- HCDH96 Hill, G.; Carr, L.; DeRoure, D.; Hall, W.: *The distributed link service: Multiple views on the WWW*, Proc. of the 1996 ACM Conference on Hypertext (Hypertext 1996), Washington, D.C., March, 1996.
- HeFo02 Hendrickson, E.; Fowler, M.: *The Software Engineering of Internet Software:* Guest Editors' Introduction, IEEE Software, 19 (2), March-April, 2002, pp. 23-24.
- Hein93 Heinrich, L. J.: Wirtschaftsinformatik, Oldenbourg Verlag, 1993.
- Hein02 Heindl, E.: *Logfile-Analyse*. In: E-Business Handbuch für Entscheider: Berres, A.; Bullinger, H. (Hrsg.), Springer-Verlag, 2002.

HeKR00 Herlocker, J.; Konstan, J.; Riedl, J.: *Explaining Collaborative Filtering Recommendations*, Proc. of the ACM 2000 Conference on Computer Supported Cooperative Work, Pennsylvania, December, 2000.

- HeMc00 Hendler, J.; McGuinness, D. L.: *The DARPA Agent Markup Language*, IEEE Intelligent Systems [Online], 15 (6), November, 2000, pp. 67-73.
- High02 Highsmith, J.: Agile Software Development Ecosystems, Addison-Wesley, 2002.
- HiKa02 Hitz, M.; Kappel, G.: *UML@ Work: Von der Analyse zur Realisierung*, 2. Auflage, dpunkt.verlag, 2002.
- HKRS02 Hitz, M.; Kappel, G.; Retschitzegger, W.; Schwinger, W.: Ein UML-basiertes Framework zur Modellierung ubiquitärer Web-Anwendungen, Wirtschaftsinformatik, 44 (3), Juni, 2002, S. 225-235.
- HoCl02 Holck, J.; Clemmensen, T.: What Makes Web Development Different?, Technical Report, Dept. of Informatics, Copenhagen Business School, Denmark, 2002.
- HoNS95 Hofmeister, C.; Nord, R.; Soni, D.: Software Architecture in Industrial Applications, Proc. of the 17th International Conference on Software Engineering (ICSE 1995), Seattle, Washington, USA, April, 1995.
- Hump97 Humphrey, W. S.: Managing Technical People, Addison-Wesley, 1997.
- IBM97 IBM: Object-Oriented Technology Center, *Developing Object-Oriented Software: An Experience-Based Approach*, Prentice Hall, 1997.
- IBM02a IBM: Patterns for e-business, 2002, http://www-106.ibm.com/developer-works/patterns/, [letzter Besuch: 2003-06-18].
- IBM02b IBM: Web Service Coordination, August, 2002, www.ibm.com/developer-works/library/ws-coor, [letzter Besuch: 2003-06-25].
- IBM02c IBM: Web Services Transaction, August, 2002, www.ibm.com/developer-works/library/ws-transpec/, [letzter Besuch: 2003-06-25].
- IBM03 IBM: Business Process Execution Language for Web Services, Version 1.1, May, 2003, www.ibm.com/developerworks/library/ws-bpel/, [letzter Besuch: 2003-06-13]
- IsKK98 Isakowitz, T.; Kamis, A.; Koufaris, M.: Reconciling Top-Down and Bottom-Up Design Approaches in RMM, DATA BASE, 29 (4), 1998, pp. 58-67.
- ISOI00 International Organisation for Standardization: ISO/IEC 1799:2000 Information Technology, Code of practice for information security management, 2000.
- JaBR99 Jacobson, I.; Booch, G.; Rumbaugh, J.: *The Unified Software Development Process*, Addison-Wesley, 1999.
- Jain, R.: *The Art of Computer System Performance Modelling*, Wiley Professional Computing, John Wiley & Sons, 1991.
- JaMe02 Jablonski, S.; Meiler, C.: Web-Content-Managmentsysteme, Informatik Spektrum, 25 (2), April, 2002, S. 101-119.
- JaSR02 Jacyntho, M. D.; Schwabe, D.; Rossi, G.: A Software Architecture for Structuring complex Web Applications, Journal of Web Engineering, 1 (1), October, 2002, pp. 37-60.
- JCJÖ92 Jacobson, I.; Christerson, M.; Jonsson, P.; Övergaard, G.: Object-Oriented Software Engineering A Use Case Driven Approach, Addison-Wesley, 1992.

Jorgensen, P. C.: Software Testing: A Craftsman's Approach, 2. Edition, CRC Press, 2002.

- KaFN99 Kaner, C.; Falk, J.; Nguyen, H. Q.: *Testing Computer Software*, John Wiley & Sons, 1999.
- KaGr03 Kaluscha, E.; Grabner-Kräuter, S.: *Towards a Pattern Language for Consumer Trust in Electronic Commerce*, Proc. of the 8th European Conference on Pattern Languages of Programs (EuroPLoP 2003), Irsee, Deutschland, June, 2003.
- KaMo00 Kant, K.; Mohapatra, P.: Report of the Workshop on Performance and Architecture of Web Servers (PAWS-2000), ACM SIGMOD Record, 29 (3), September, 2000.
- KaRS00 Kappel, G.; Retschitzegger, W.; Schwinger, W.: Modeling Customizable Web Applications A Requirement's Perspective, Proc. of the Kyoto International Conference on Digital Libraries: Research and Practice (ICDL), Kyoto, Japan, November, 2000.
- KaRS01 Kappel, G.; Retschitzegger, W.; Schwinger, W.: Modeling Ubiquitous Web Applications The WUML Approach, Proc. of the International Workshop on Data Semantics in Web Information Systems (DASWIS), Yokohama, Japan, November 2001.
- KBG+03 Kitapci, H.; Boehm, B. W.; Grünbacher, P.; Halling, M.; Biffl, S.: Formalizing Informal Stakeholder Requirements Inputs, Proc. of the 13th International Council on Systems Engineering (INCOSE 2003), Washington, D.C., July, 2003.
- KiBC03 Kirschner, P. A.; Buckingham Shum, S. J.; Carr, C. S. (Eds.): Visualizing Argumentation: Software Tools for Collaborative and Educational Sense-Making, Springer-Verlag, London, 2003.
- Killo2 Killelea, P.: Web Performance Tuning: Speeding Up the Web, O'Reilly, 2002.
- Kobs01 Kobsa, A.: *Generic User Modeling Systems*, User Modeling and User-Adapted Interaction, 11 (1-2), Ten Year Anniversary Issue, 2001, pp. 49-63.
- Köll88 Köller, K.: Philosophie der Grammatik, Stuttgart Metzler, 1988.
- KoKP01 Kobsa, A.; Koenemann, J.; Pohl, W.: Personalized Hypermedia Presentation Techniques for Improving Online Customer Relationships, The Knowledge Engineering Review, 16 (2), 2001, pp. 111-155.
- KoKr02 Koch, N.; Kraus, A.: The Expressive Power of UML-based Web Engineering, Proc. of the 2nd International Workshop on Web-Oriented Software Technology (IWWOST 2002), Malaga, Spain, June, 2002.
- KoKr03 Koch, N.; Kraus, A.: Towards a Common Metamodel for the Development of Web Applications, Proc. of the 3rd International Conference of Web Engineering (ICWE 2003), Oviedo, Spain, July, 2003.
- KoMi01 Koivunen, M.-R.; Miller, E.: W3C Semantic Web Activity, Kick-off Seminar in Finland, November, 2001, www.w3.org/2001/12/semweb-fin/w3csw, [letzter Besuch: 2003-08-28].
- KoSo98 Kotonya, G.; Sommerville, I.: Requirements Engineering: Processes and Techniques, John Wiley & Sons, 1998.

Kots02 Kotsis, G.: Performance Management in Ubiquitous Computing Environments, Proc. of the 15th International Conference on Computer Communication (ICCC 2002), ICCC Press, Indien, August, 2002.

- KoWi01 Koch, N.; Wirsing, M.: Software Engineering for Adaptive Hypermedia Systems, Proc. of the 3rd Workshop on Adaptive Hypertext and Hypermedia (held in conjunction with the 8th International Conference on User Modeling), Germany, July, 2001.
- KPR+02a Kappel, G.; Pröll, B.; Retschitzegger, W.; Schwinger, W.; Hofer, Th.: *Towards a Generic Customisation Model for Ubiquitous Web Applications*, Proc. of the 2nd International Workshop on Web Oriented Software Technology (IWWOST), Malaga, Spain, July, 2002.
- KPR+02b Kappel, G.; Pröll, B.; Retschitzegger, W.; Unland, R.; Vojdani, B.: *Architektur von Web-Informationssystemen*. In: Web und Datenbanken: Rahm, E.; Vossen, G. (Hrsg.), dpunkt.verlag, 2002.
- KPRS03 Kappel, G.; Pröll, B.; Retschitzegger, W.; Schwinger, W.: Customisation for Ubiquitous Web Applications – A Comparison of Approaches, International Journal of Web Engineering and Technology (IJWET), Inderscience Publishers, January, 2003.
- KrPo88 Krasner, G.; Pope, S.: A cookbook for Using Model-View-Controller interface paradigm in Smalltalk 80, Journal of Object Oriented Programming, August-September, 1988, pp. 26-49.
- Kruc95 Kruchten, P.: *The 4+1 View Model of Architecture*, IEEE Software, 12 (6), November, 1995, pp. 42-50.
- Kruc99 Kruchten, P.: Der Rational Unified Process. Eine Einführung, Addison-Wesley, 1999.
- Krug00 Krug, S.: Don't make me think A common sense approach to web usability, New Riders, 2000.
- LaGi98 Lawrence, S.; Giles, L.: 5, Science, 280 (5360), 1998, pp. 98-100.
- LaKL01 Lanchorst, M.; Koolwaaij, J.; van Leeuwen, D.: *Mapping the E-Business Frameworks Landscape*, GigaTS project, Telematica Instituut, Niederlande, October, 2001, *https://doc.telin.nl/dscgi/ds.py/Get/File-18715/D2.2.10.pdf*, [letzter Besuch: 2003-06-18].
- LAP03 Liberty Alliance Project, www.projectliberty.org/, [letzter Besuch: 2003-06-18].
- LDK+97 Lukose, D.; Delugach, H.; Keeler, M.; Searle, L.; Sowa, J. (Eds).: *Conceptual Structures: Fulfilling Peirce's Dream*, Lecture Notes in AI 1257, Springer-Verlag, 1997.
- LeGu90 Lenat, D. B.; Guha, R. V.: Building Large Knowledge Based Systems, Addison-Wesley, 1990.
- LeGu94 Lenat, D. B.; Guha, R. V.: *Enabling Agents to Work Together*, Communications of the ACM, 37 (7), July, 1994, pp. 127-142.
- Lena D. B.: Cyc: A Large-Scale Investment in Knowledge Infrastructure, Communications of the ACM, 38 (11), November, 1995, pp. 33-38.

Leym03 Leymann, F.: Web Services: Distributed Applications without Limits. In: Datenbanksysteme für Business, Technologie und Web (BTW03), Tagungsband der 10. BTW-Konferenz: Weikum, G.; Schöning, H.; Rahm, E. (Hrsg.), Leipzig, Februar, 2003, S. 2-23.

- Little, J. D. C.: A Proof for the Queuing Formula: L = lW, Operations Research, 9 (3), 1961, S. 383-387.
- LMA+91 Langely, P.; McKusick, K. B.; Allen, J. A.; Iba, W. F.; Thompson, K.: *A design for the ICARUS Architecture*, SIGART Bulletin 2, 1991, pp. 104-109.
- LoEk02 Lowe, D. B.; Eklund, J.: Client Needs and the Design Process in Web Projects, Journal of Web Engineering, 1 (1), October, 2002, pp. 23-36.
- LoHa99 Lowe, D.; Hall, W.: Hypermedia and Web: An Engineering Approach, John Wiley & Sons, 1999.
- Lonc93 Lonchamp, J.: A structured Conceptual and Terminological Framework for Software Process Engineering, Proc. of the 2nd International Conference on the Software Process, IEEE Computer Society Press, 1993, pp. 41-53.
- Lowe99 Lowe, D.: Engineering the Web Web Engineering or Web Gardening?, Web-Net Journal, 1 (1), January-March, 1999.
- Lowe02 Lowe, D.: *Characterisation of Web Projects*, Proc. of the 8th Australian World Wide Web Conference (AusWeb 2002), Queensland, July, 2002.
- Lowe, D.; Web system requirements: an overview, Requirements Engineering Journal (2003) 8, Springer, DOI 10.1007/s00766-002-0153-x, 2003, pp. 102-113.
- LSRH97 Luke, S.; Spector, L.; Rager, D.; Hendler, J.: *Ontology-based Web agents*, Proc. of the 1st International Conference on Autonomous Agents (AA 1997), New York, February, 1997.
- LyHo02 Lynch, P. J.; Horton, S.: Web Style Guide Basic Design Principles for Creating Websites, 2. Edition, Yale University Press, 2002, www.webstyle-guide.com/, [letzter Besuch: 2003-06-23].
- LyRo01 Lyardet, F. D.; Rossi, G.: *Web Usability Patterns*, Proc. of the European Conference on Design Patterns (EuroPLoP), July, 2001.
- LyRS99 Lyardet, F.; Rossi, G.; Schwabe, D.: Patterns for Adding Search Capabilities to Web Information Systems, Proc. of the 4th European Conference on Pattern Languages of Programming and Computing (EuroPLoP), Kloster Irsee, Germany, July, 1999.
- Mack01 Mackenbrock, M.: 2001 Odysee im Cyberspace? Sicherheit im Internet, Tagungsband 7. Deutscher IT-Sicherheitskongress des BSI, SecuMedia Verlag, 2001
- MaMo97 Malveau, R. C.; Mowbray, T. J.: CORBA Design Patterns, John Wiley & Sons, 1997.
- MaMu02 Manhartsberger, M.; Musil, S.; Web Usability Das Prinzip des Vertrauens, Galileo Design, 2002.
- Mayh99 Mayhew, D. J.; The Usability Engineering Lifecycle, Morgan Kaufmann, 1999.
- Mayr01 Mayr, H.: Projekt Engineering Ingenieurmäßige Softwareentwicklung in Projektgruppen, Fachbuchverlag Leipzig/Carl Hanser Verlag, 2001.

MBJK90 Mylopoulos, J.; Borgida, A.; Jarke, M.; Koubarakis, M.: *Telos – a language for representing knowledge about information systems*. In ACM Trans. Information Systems, 8 (4), 1990, pp. 325-362.

- McCa03 McCarty, W.: A serious beginner's guide to hypertext research, King's College London, University of London, www.kcl.ac.uk/humanities/cch/allc/reports/map/hyperbib.html, [letzter Besuch: 2003-06-27].
- McHa03 McGuinness D. L.; van Harmelen, F. (Eds.): Web Ontology Language (OWL): Overview, W3C Last Call Working Draft 31, March, 2003.
- McSy01 McGregor, J. D.; Sykes, D. A.: A *Practical Guide to Testing Object-Oriented Software*, Addison-Wesley, 2001.
- McWe01a McDonald, A.; Welland, R.: A Survey of Web Engineering in Practice, Department of Computing Science Technical Report R-2001-79, University of Glasgow, Scotland, 2001.
- McWe01b McDonald, A.; Welland, R.: Web Engineering in Practice, Proc. of the 4th Workshop on Web Engineering (held in conjunction with the 10th international conference on WWW), Hong Kong, Mai, 2001.
- MDHG99 Murugesan, S.; Deshpande, Y.; Hansen, S.; Ginige, A.: Web Engineering: A New Discipline for Web-Based System Development, Proc. of the 1st ICSE Workshop on Web Engineering (held in conjunction with the Int. Conference on Software Engineering, ICSE 1999), Los Angeles, USA, May, 1999.
- MeAl02 Menascé, D. A.; Almeida, V. A. F.: Capacity Planning for Web Services: Metrics, Models, and Methods, Prentice Hall, 2002.
- MeTH00 Meyerhoff, D.; Timpe, M.; Huberty, D.: *Qualitätsziele und Testaufgaben im Internet*, Informatik Forschung und Entwicklung, 15 (3), 2000, S. 133-139.
- Meye01 Meyer B.: *Software Engineering in the Academy*, IEEE Computer, 34 (5), May, 2001, pp. 28-35.
- Meye02 Meyer, A.: Wissen, was läuft Live Reporting Werkzeuge, August, 2002, www.contentmanager.de, [letzter Besuch: 2003-06-26].
- Micr02 Microsoft: .NET Application Architecture Panel Discussion: Tech Ed 2001, 2002, http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnbda/html/bdadotnetarch10.asp, [letzter Besuch: 2003-07-02].
- Microsoft: .NET Passport, www.microsoft.com/netservices/passport/, [letzter Besuch: 2003-06-24].
- Micro3b Microsoft: Web Presentation Patterns, http://msdn.microsoft.com/practices/ type/patterns/03/, [letzter Besuch: 2003-06-24].
- MoCS00 Mobasher, B.; Cooley, R.; Srivastava, J.: Automatic Personalization Based on Web Usage Mining, Communications of the ACM (CACM), 43 (8), August, 2000, pp. 142-151.
- MüHK98a Mühlhäuser, M.; Hauber, R.; Kopetzky, T.: WebStyles and Ontologies: Information Modeling and Software Engineering for the WWW, Proc. of the 4th International Workshop on Hypertext Functionality at the World-Wide Web Conference, Brisbane, Australia, April, 1998.

MüHK98b Mühlhäuser, M.; Hauber, R.; Kopetzky, T.: *Typing Concepts for the Web as a Basis for Re-use*, Vercoustre, A. M. (Ed.), Reuse of Web Information, INRIA Rocquencourt, 1998, pp. 79-89.

- MuMS02 Muntz, R.; Martonosi, M.; de Souza e Silva, E. (Ed.): Proceedings of the 2002 ACM SIGMETRICS International Conference on Measurement and modeling of computer systems, 2002.
- Muru00 Murugesan, S.: Web Engineering for Successful Software Development, Tutorial, Asia Pacific Web Conference (APWeb2000), Xian, China, October, 2000.
- Myer79 Myers, G. J.: The Art of Software Testing, John Wiley & Sons, 1979.
- NaRa68 Naur, P.; Randell, B. (Ed.): *Software Engineering*, Report on a conference sponsored by the NATO Science Committee, Garmisch, Germany, October, 1968.
- NCI03 National Cancer Institute, Guidelines & Checklists, www.usability.gov/guides/, [letzter Besuch: 2003-06-24].
- NeDW01 Nejdl, W.; Dhraief, H.; Wolpers, M.: O-Telos-RDF: A Resource Description Format with Enhanced Meta-Modeling Functionalities based on O-Telos, www.kbs.uni-hannover.de/Arbeiten/Publikationen/2001/kcap01-workshop.pdf, [letzter Besuch: 2003-07-31].
- Nguy01 Nguyen, H. Q.: Testing Applications on the Web: Test Planning for Internet-Based Systems, John Wiley & Sons, 2001.
- Niel94 Nielsen, J.: Usability Engineering, Academic Press, 1994.
- Niel97a Nielsen, J.: *Top Ten Mistakes of Web Management*, Alertbox, June, 1997, www.useit.com/alertbox/9706b.html, [letzter Besuch: 2003-06-24].
- Niel97b Nielsen, J.: Changes in Web Usability Since 1994, December, 1997, www.useit.com/alertbox/9712a.html, [letzter Besuch: 2003-06-24].
- Niel99a Nielsen, J.: Designing Web Usability, New Riders Publishing, 1999.
- Niel99b Nielsen, J.: »Top Ten Mistakes« Revisited three years later, Alertbox, May, 1999, www.useit.com/alertbox/990502.html, [letzter Besuch: 2003-06-24].
- Niel99c Nielsen, J.: Why people shop on the Web, Alertbox, February, 1999 (Update added April 2002), www.useit.com/alertbox/990207.html, [letzter Besuch: 2003-06-24].
- NiSE02 Niu, N.; Stroulia, E.; El-Ramly, M.: *Understanding Web Usage for Effective Dynamic Web-Site Adaptation*, 4th International Workshop on Web Site Evolution (WSE 2002) in affiliation with the IEEE International Conference on Software Maintenance (ICSM 2002), Canada, October, 2002.
- NiSF98 Nielsen, J.: Schemenaur, P. J.; Fox, J.: Writing for the Web, 1998, www.sun.com/980713/webwriting/, [letzter Besuch: 2003-06-24].
- NIST03 National Institute of Standards and Technology, NIST: Web Metrics Technical Overview, 2003, http://zing.ncsl.nist.gov/WebTools/tech.html, [letzter Besuch: 2003-06-24].
- NSD+01 Noy, N. F.; Sintek, M.; Decker, S.; Crubézy, M.; Fergerson, R. W.; Musen, M. A.: *Creating Semantic Web Contents with Protégé-2000*, IEEE Intelligent Systems, 16 (2), March-April, 2001, pp. 60-71.

NuEa00 Nuseibeh, B.; Easterbrook, S.: *Requirements Engineering: A Roadmap*. In: The Future of Software Engineering, Special Issue 22nd International Conference on Software Engineering (ICSE 2000), ACM-IEEE, 2000, pp. 37-46.

- Nuse01 Nuseibeh, B.: Weaving Together Requirements and Architectures, IEEE Computer, 34 (3), March, 2001, pp. 115-117.
- NyLe02 Nysveen, H.; Lexhagen, M.: Reduction of Perceived Risk through On-line Value-Added Services Offered on Tourism Businesses Web-Sites, Proc. of the 9th International Conference on Information and Communication Technologies. In: Travel & Tourism (ENTER 2002): Wöber, K. W.; Frew, A.J.; Hitz, M. (Ed.), Springer Wien, New York, 2002, pp. 488-496.
- OASI OASIS Security Services TC: Security Assertion Markup Language (SAML), V1.1, September, 2003, www.oasis-open.org/committees/security, [letzter Besuch: 2003-09-16]
- Øhrs97 Øhrstrøm, P.: C. S. Peirce and the Quest for Gamma Graphs, 1997, www.hum.auc.dk/~poe/ARTIKLER/GammaHTML/GammaGraphs.html, [letzter Besuch: 2003-08-28].
- OlLP02 Olsina, L.; Lafuente, G.; Pastor, O.: *Towards a Reusable Repository for Web Metrics*, Journal of Web Engineering, 1 (1), October, 2002, pp. 61-73.
- OlLR01 Olsina, L.; Lafuente, G.; Rossi, G.: Specifying Quality Characteristics and Attributes for Websites, WebEngineering 2000, Springer LNCS 2016, 2001, pp. 266-278.
- OMG01 OMG (Object Management Group): *Unified Modeling Language Specification*, version 1.4., 2001, *www.omg.org*, [letzter Besuch: 2003-06-23].
- ONei03 O'Neil, M. et al.: Web Services Security, McGraw-Hill/Osborne, 2003.
- OpSp99 Oppermann, R.; Specht, M.: A Nomadic Information System for Adaptive Exhibition Guidance, Proc. of the Int. Conf. on Hypermedia and Interactivity in Museums (ICHIM), Washington, September, 1999.
- Orr, K.: CMM Versus Agile Development: Religious Wars and Software Development, Cutter Executive Report # 3.7, Cutter Consortium, 2002.
- Patri92 Patridge, D.: Engineering Artificial Intelligence Software, Intellect Books, 1992.
- Paul01 Paulson, D.: *Adapting Methodologies for Doing Software Right*, IEEE IT Professional, 3 (4), July-August, 2001, pp. 13-15.
- PiKr03 Pineda, M. M.; Krüger, M.: XSL-FO in der Praxis XML-Verarbeitung für PDF und Druck, xml.bibliothek, dpunkt.verlag, November, 2003.
- PMI99 Project Management Institute: *Project Management Software Survey*, ISBN 1880 410 524, PMI Books, 1999.
- PoJC98 Powell, T.; Jones, D.; Cutts, D.: Web Site Engineering: Beyond Web Page Design, Prentice Hall, 1998.
- Pres98 Pressman, R. S.: Can Internet-Based Applications Be Engineered?, IEEE Software, 15 (5), September-October, 1998, pp. 104-110.
- Pres00a Pressman, R. S.: What a Tangled Web We Weave, IEEE Software, 17 (1), January-February, 2000, pp. 18-21.

Pres00b Pressman, R. S.: Can WebApps Be Engineered?, SPC Essentials, Software Productivity Center Inc., May 2000, www.spc.ca/essentials/may0300.htm, [letzter Besuch: 2003-06-24].

- Pres00c Pressman, R. S.: Software Engineering: A Practitioner's Approach, 5. Edition, McGraw Hill, 2000.
- Pres00d Pressman, R. S.: *Chapter 29: Web Engineering*. In: Software Engineering: A Practitioner's Approach, 5. Edition, McGraw-Hill, 2000.
- Proe03 Pröll, B.: *Suchmaschinen Marketing*, Technical Report, Forschungsinstitut Für Anwendungsorientierte Wissensverarbeitung, Universität Linz, 2003.
- PrRW01 Pröll, B.; Retschitzegger, W.; Wagner, R.R.; TIScover Eine generische Plattform für Web-basierte Tourismusinformationssysteme, Informatik Forschung und Entwicklung, Themenheft Electronic Commerce, 16 (1), Springer-Verlag, 2001, S. 1-13.
- PRSS99 Pröll, B.; Retschitzegger, W.; Sighart, H.; Starck, H.: Ready for Prime Time Pre-Generation of Web-Pages in TIScover, Proc. of the 8th ACM Int. Conf. on Information and Knowledge Management (CIKM), Kansas City, Missouri, November, 1999, pp. 63-68.
- Raha99 Rahardjam, A.: Designing Interactivity: Who Are the Users and What Are the Techniques?, Proc. of the 5th Australian World Wide Web Conference, Southern Cross University Press, Lismore, Australia, 1999.
- RaPB02 Ramesh, B.; Pries-Heje, J.; Baskerville, R.: *Internet Software Engineering: A Different Class of Processes*, Annals of Software Engineering, 14 (1-4), December, 2002, pp. 169-195.
- RaSp02 Rabinovich, M.; Spatschek, O.: Web Caching and Replication, Addison-Wesley, 2002.
- RaSt00 Rahm, E.; Stöhr T.: *Data-Warehouse-Einsatz zur Web-Zugriffsanalyse*. In: Web und Datenbanken, Rahm, E., Vossen, G. (Hrsg.), dpunkt-Verlag, 2002.
- RBP+91 Rumbaugh, J.; Blaha, M.; Premerlani, W.; Eddy, F.; Lorensen, W.: *Object-Oriented Modeling and Design*, Prentice Hall, 1991.
- Reif02 Reifer, D. C.: Estimating Web Development Costs: There Are Differences, CrossTalk The Journal of Defense Software Engineering, June, 2002, pp. 13-17.
- Reit03 Reitenspieß, M.: IT-Sicherheit Quo Vadis?, DACH Security, Universität Erfurt, März, 2003.
- ReSc00 Retschitzegger, W.; Schwinger, W.; Towards Modeling of DataWeb Applications: A Requirement's Perspective, Proc. of the Americas Conference on Information Systems (AMCIS), Long Beach, California, USA, August, 2000.
- ReSc02 Retschitzegger, W.; Schwinger, W. et al.: EWENE European Web Engineering Network of Excellence, Expression of Interest for a Network of Excellence in the 6th EU IST Framework programme, June, 2002, http://eoi.cordis.lu/dsp\_details.cfm?ID=33800, [letzter Besuch: 2003-06-30].
- RiJa00 Rising, L.; Janoff, N. S.: *The Scrum Software Development Process for Small Teams*, IEEE Software, 17 (4), July-August, 2000, pp. 26-32.

Rook86 Rook, P.: Controlling Software Projects, Software Engineering Journal, 1 (1), 1986, pp. 7-16.

- RoRi01 Rothfuss, G.; Ried, C.: Content Management mit XML, Springer-Verlag, 2001.
- RoRo99 Robertson, S.; Robertson, J.: *Mastering the Requirements Process*, Addison-Wesley, 1999.
- RoSL98 Rossi, G.; Schwabe, D.; Lyardet, F.: *Patterns for Designing Navigable Spaces*, Proc. of the 1998 Pattern Languages of Programs Conference (PLoP98), Monticello, USA, August, 1998.
- RWW+02 Ramler, R.; Weippl, E.; Winterer, M.; Altmann, J.; Schwinger, W.: A Quality-Driven Approach to Web Testing, Proc. of the Ibero-American Conference on Web Engineering (ICWE 2002), Santa Fé, Argentina, September, 2002.
- SaCS02 Sattler, K.-U.; Conrad, S.; Saake, G.: *Datenintegration und Mediatoren*. In: Web und Datenbanken: Rahm, E.; Vossen, G. (Hrsg.); dpunkt.verlag, 2002.
- SaMc83 Salton, G.; McGill M.J.: Introduction to Modern Information Retrieval, McGraw-Hill, 1983.
- Sano, D.: Designing large-scale web sites: a visual design methodology, John Wiley & Sons, 1996.
- SaSa03 Saake, G.; Sattler, K.: Datenbanken & Java, 2. Auflage, dpunkt.verlag, 2003.
- SBK+03 Schrefl, M.; Bernauer, M.; Kapsammer, E.; Pröll, B.; Retschitzegger, W.; Thalhammer, T.: *The Self-Maintaining Web Pages Approach*, To appear in Information Systems, Elsevier Science, 2003.
- ScAr99 Schwickert, A. C.; Arnold, F.: Web Site Promotion. In: Arbeitspapiere WI, Nr. 8 (99), Johannes Gutenberg-Universität, Lehrstuhl für Allg. BWL und Wirtschaftsinformatik (Hrsg.), Mainz, 1999.
- ScBe01 Schwaber, K.; Beedle, M.: Agile Software Development With Scrum, Prentice Hall, 2001.
- SCDT00 Srivastava, J.; Cooley, R.; Deshpande, M.; Tan, P.: Web Usage Mining: Discovery and Applications of Usage Patterns from Web Data, ACM SIGKDD, 1 (2), January, 2000, pp. 12-23.
- ScGR02 Schwabe, D.; Guimaraes, R. M.; Rossi, G.: Cohesive Design of Personalized Web Applications, IEEE Internet Computing, 6 (2), March-April, 2002, pp. 34-43.
- Scha00 Scharl, A.: Evolutionary Web Development Automated Analysis, Adaptive Design, and Interactive Visualization of Commercial Web Information Systems, Springer-Verlag, 2000.
- Schn00 Schneeberg, Ch.: *CGI and API Scripts*, Proseminararbeit zum Thema »Web Security«, Otto-von-Guericke-Universität Magdeburg, Institut für Verteilte Systeme, Dezember, 2003.
- Schw97 Schwickert, A. C.: Web Site Engineering Modelltheoretische und methodische Erfahrungen aus der Praxis. In: HMD Theorie und Praxis der Wirtschaftsinformatik, Heft 196, Juli, 1997, S. 22-35.

ScSc99 Schumacher, M.; Schwickert, A.C.: Web-Portale – Stand und Entwicklungstendenzen. In: Arbeitspapiere WI, 4 (99), Johannes Gutenberg-Universität, Lehrstuhl für Allg. BWL und Wirtschaftsinformatik (Hrsg.), Mainz, 1999.

- ScWe00a Schwickert, A.; Wendt, P.: Web Site Monitoring Teil 1: Einordnung, Handlungsebenen, Adressaten, Arbeitspapiere WI Nr. 6/2000, http://wi.uni-giessen.de/gi/dl/det/Schwickert/1166/, [letzter Besuch: 2003-08-19].
- ScWe00b Schwickert, A.; Wendt, P.: Web Site Monitoring Teil 2: Datenquellen, Web-Logfile-Analyse, Logfile-Analyzer, Arbeitspapiere WI Nr. 7/2000, http://wi.uni-giessen.de/gi/dl/det/Schwickert/1167/, [letzter Besuch: 2003-08-19].
- SEA+02 Sure, Y.; Erdmann, M.; Angele, J.; Staab, S.; Studer, R.; Wenke, D.: Ontoedit: Collaborative ontology development for the semantic web, Proc. of the 1st International Semantic Web Conference (ISWC2002), Sardinia, Italia, June, 2002, pp. 221-235.
- Shar01 Sharma, M.: *E-Business Building It Right From the Ground Up*, Cutter IT Journal, 14 (1), January, 2001, pp. 30-35.
- Ship81 Shipman, D. W.: *The Functional Data Model and the Data Language DAPLEX*, ACM Transactions on Database Systems, 6 (1), March, 1981, pp. 140-173.
- Shne98 Shneiderman, B.: Designing the User Interface: Strategies for Effective Human-Computer Interaction, 3. Edition, Addison-Wesley, 1998.
- SHOE03 Tutorial on SHOE, www.cs.umd.edu/users/hendler/sciam/step2.html, [letzter Besuch: 2003-07-21].
- Sieg96 Siegel, D.: *The Balkanization of the Web*, 1996, www.dsiegel.com/balkanization/, [letzter Besuch: 2003-06-24].
- Silb03 Silberberger, H.: Die Sicherheit im Griff Mit Secure Identity Management, Novell Magazin, März, 2003, www.novell.de/magazin/01\_2003/secure\_ident\_mgmt.pdf, [letzter Besuch: 2003-06-24].
- Sind98 Sindoni, G.: *Incremental Maintenance of Hypertext Views*, Proc. of the International Workshop on the Web and Databases, (WebDB 1998), Valencia, Spain, March, 1998.
- Smit81 Smith, R. G.: *The contract net protocol: High-level communication and cont*rol in a distributed problem solver, IEEE Transactions on Computers, C29 (12), December, 1981, pp. 1104-1113.
- Sobe02 Sobek, M.: Überblick über das PageRank Verfahren der Suchmaschine Google, http://pr.efactory.de/d-index.shtml, [letzter Besuch: 2003-08-19].
- Sowa Sowa, J. F.: Conceptual graphs for a database interface, IBM Journal of Research and Development, 20 (4), 1976, pp. 336-357.
- Sowa, J. F.: Knowledge Representation: Logical, Philosophical, and Computational Foundations, Brooks Cole Publishing Co., 1999.
- Sowa Sowa, J. F.: Knowledge Representation: Logical, Philosophical, and Computational Foundations, Brooks Cole Publishing, 2000.
- SpJa01 Splaine, S.; Jaskiel, S. P.: *The Web Testing Handbook*, STQE Publishing, 2001.

SpMJ02 Spyns, P.; Meersman, R.; Jarrar, M.: *Data Modelling versus Ontology Engineering*, SIGMOD Record, 31(4), 2002, pp. 12-17.

- SREL01 Schwabe, D.; Rossi, G.; Esmeraldo, L.; Lyardet, F.: *Engineering Web Applications for Reuse*, IEEE Multimedia, Spring, 2001, S. 2-12.
- Star02 Starke, G.: Effektive Software Architekturen Ein praktischer Leitfaden, Carl Hanser Verlag, 2002.
- StHe01 Stonebraker, M.; Hellerstein, J.M.: Content integration for e-business, Proc. of the 2001 ACM SIGMOD International Conference on Management of Data and Symposium on Principles of Database Systems, Santa Barbara, California, May, 2001.
- StLW97 Strong, D. M.; Lee, Y. W.; Wang, R. Y.: *Data Quality in Context*, Communications of the ACM, 40 (5), May, 1997, pp. 103-110.
- Sullo2 Sullivan, D.: How Search Engines Work, Oktober, 2002, www.search-enginewatch.com/webmasters/article.php/2168031, [letzter Besuch: 2003-07-15].
- Sun02a Sun Microsystems, Java<sup>TM</sup>2 Platform, Enterprise Edition (J2EE<sup>TM</sup>), Specification: Proposed Final Draft 2, 2002, http://java.sun.com/j2ee/1.4/download.html, [letzter Besuch: 2003-06-25].
- Sun Microsystems, J2EE Connector Architecture Specification 1.5, Proposed Final Draft 2, 2002, http://java.sun.com/j2ee/connector/download.html, [letz-ter Besuch: 2003-06-25].
- Sun Microsystems, Core J2EE Pattern Catalog, http://java.sun.com/blue-prints/corej2eepatterns, [letzter Besuch: 2003-06-24].
- Tamb02 Tamble, M.: Website Profit, Verlag Business Village, 2002.
- ThFa97 Thayer, R. H.; Fairley, R. E.: *Software Risk Management*, In: Software Engineering Project Management, Thayer, R. (Ed.), IEEE Computer Society Press, 1997.
- This03 Thissen, F.: Kompendium Screen Design Effektiv informieren und kommunizieren mit Multimedia, Springer-Verlag Berlin, 2003.
- Thom01 Thomsett, R.: Extreme Project Management, Cutter Executive Report #2.2, Cutter Consortium, 2001.
- Tidw99 Tidwell, J.: Common Ground, May, 1999, www.mit.edu/~jtidwell/interaction\_patterns.html, [letzter Besuch: 2003-06-25].
- Tidw02 Tidwell, J.: UI Patterns and Techniques, May, 2002, http://time-trip-per.com/uipatterns/, [letzter Besuch: 2003-06-25].
- TSG94 The Standish Group, The CHAOS Report, 1994, www.pm2go.com/sample\_research/chaos\_1994\_1.php, [letzter Besuch: 2003-06-13].
- Tsic00 Tsichritzis, D.: *The Changing Art of Computer Research*, Proc. of the 16th International Conference on Data Engineering (ICDE 2000), San Diego, California, USA, IEEE Computer Society, February, 2000.
- TuFR02 Turk, D., France, R.; Rumpe, B.: *Limitations of Agile Software Processes*, Proc. of the 3rd International Conference on Extreme Programming and Flexible Processes in Software Engineering (XP2002), Alghero, Italy, May, 2002.

Tura01 Turau, V.; Saleck, K.; Schmidt, M.: *Java Server Pages und J2EE*, dpunkt.verlag, Heidelberg, 2001

- TWBS97 Tracy, M.; Ware, S.; Barker, R.; Slothouber, L.: *Professional Web Site Optimization*, Wrox Press Inc, 1997.
- W3Ca World Wide Web Consortium (W3C): Web Service Choreography Interface (WSCI) 1.0, August, 2002, www.w3.org/TR/2002/NOTE-wsci-20020808/, [letzter Besuch: 2003-06-25].
- W3Cb World Wide Web Consortium (W3C): Web Services Conversation Language, March, 2002, www.w3.org/TR/2002/NOTE-wscl10-20020314/, [letzter Besuch: 2003-06-25].
- W3Cc World Wide Web Consortium (W3C): XML-Signature Syntax and Processing, February, 2002, www.w3.org/TR/xmldsig-core/, [letzter Besuch: 2003-06-25].
- W3Cd World Wide Web Consortium (W3C): XML Encryption Syntax and Processing, December, 2002, www.w3.org/TR/xmlenc-core/, [letzter Besuch: 2003-06-25].
- W3Ce World Wide Web Consortium (W3C): Synchronized Multimedia Integration Language (SMIL 2.0), August, 2001, www.w3.org/TR/2001/REC-smil20-20010807/, [letzter Besuch: 2003-07-01].
- W3Cf World Wide Web Consortium (W3C): XML Schema Part 2: Datatypes, April, 2000, www.w3.org/TR/2000/CR-xmlschema-2-20001024/, [letzter Besuch: 2003-07-01].
- W3Cg World Wide Web Consortium (W3C): Scalable Vector Graphics (SVG) 1.0 Specification, September, 2001, www.w3.org/TR/SVG/, [2003-07-01].
- W3Ch World Wide Web Consortium (W3C): Simple Object Access Protocol (SOAP) 1.1, May, 2000, www.w3.org/TR/SOAP/, [letzter Besuch: 2003-07-01].
- W3Ci World Wide Web Consortium (W3C): *Namespaces in XML*, January, 1999, www.w3.org/TR/1999/REC-xml-names-19990114/Overview.html, [letzter Besuch: 2003-07-01].
- W3Cj World Wide Web Consortium (W3C): Extensible Markup Language (XML) 1.0, 1998, www.w3.org/XML/, [letzter Besuch: 2003-07-01].
- W3Ck World Wide Web Consortium (W3C): Web Services Description Language (WSDL) Version 1.2, W3C Working Draft, March, 2003, www.w3.org/TR/2003/WD-wsdl12-20030303/, [letzter Besuch: 2003-07-01].
- W3Cl World Wide Web Consortium (W3C): Semantic Web Road Map, September, 1998, www.w3.org/DesignIssues/Semantic.html, [letzter Besuch: 2003-07-14].
- W3Cm World Wide Web Consortium (W3C): W3C Semantic Web Activity, 2001, www.w3.org/2001/12/semweb-fin/w3csw, [letzter Besuch: 2003-07-14].
- W3Cn World Wide Web Consortium (W3C): XML Key Management Service, 2001, www.w3.org/2001/XKMS, [letzter Besuch: 2003-09-16].
- Wall01 Wallner, K.: Asset Management in Game Development, Diplomarbeit, Studiengang Software Engineering, Fachhochschule Hagenberg, 2001.
- WaRA02 Wallace, D.; Raggett, I.; Aufgang, J.: Extreme Programming for Web Projects, Addison-Wesley, 2002.

WaSc01 Want, R.; Schilit, B. N.: Expanding the Horizons of Location-Aware Computing (Guest Editor's Introduction), IEEE Computer, 34 (8), August 2001, pp. 31-34.

- WaSF95 Wang, R. Y.; Storey, V. C.; Firth, C. P.: A Framework for Analysis of Data Quality Research, IEEE Transaction on Knowledge and Data Engineering, 7 (4), August, 1995, pp. 623-640.
- WeBH02 Weber, G.; Bruder, I.; Heuer, A.: *Suchmaschinen*. In: Web und Datenbanken, dpunkt-Verlag, 2002.
- Wege02 Wege, Ch.: *Portal Server Technology*, IEEE Internet Computing, 6 (3), May-June, 2002, pp. 73-77.
- Weik02 Weikum, G.: Web Caching. In: Web und Datenbanken: Rahm, E.; Vossen, G. (Hrsg.); dpunkt-Verlag, 2002.
- Weit02 Weitz, W.: Basisarchitekturen Web-basierter Informationssysteme, Wirtschaftsinformatik, 44 (3), 2002, S. 207-216.
- WejS99 Weibel, S.; Jul, E.; Shafer, K.: PURLs: Persistent Uniform Resource Locators, Online Computer Library Center (OCLC), 1999, http://purl.oclc.org/OCLC/ PURL/SUMMARY, [letzter Besuch: 2003-06-25].
- Welio2 van Welie, M.: *Interaction Design Patterns*, December, 2002, *www.welie.com/patterns*, [letzter Besuch: 2003-06-25].
- WeVE99 van Welie, M.; van der Veer, G.; Eliëns, A.: Breaking down Usability, Proc. of the 7th Conference on Human-Computer Interaction (INTERACT 99), Sasse, M., Johnson, C. (Ed.), Edinburgh, Scotland, September, 1999.
- Whit02 Whitehead, E. J.: A Proposed Curriculum for a Masters in Web Engineering, Journal of Web Engineering, 1 (1), Rinton Press, October, 2002, pp. 18-22.
- Wied92 Wiederhold, G.: *Mediators in the architecture of future information systems*, IEEE Computer, 25 (3), March, 1992, pp. 38-49.
- Williamson, C.: Special Issue on Network Traffic Measurements and Workload Characterization, ACM SIGMETRICS Performance Evaluation Review, 27 (2), September, 1999.
- WiSA02 Williamson, C.; Simmonds, R.; Arlitt, M.: A case study of web server benchmarking using parallel WAN emulation, Performance Evaluation, 49 (1-4), September, 2002, pp. 111-127.
- WoKA01 Wombacher, A.; Kostaki, P.; Aberer, K.: WebXIce: An Infratsructure for Information Commerce on the Web, Proc. of the 34th Int. Hawaiian Conference on System Sciences (HICCS 2001), Maui, USA, 2001.
- Wool02 Wooldridge, M.: An Introduction to Multiagent Systems, John Wiley & Sons, 2002.
- ZiLa02 Ziegeler, C.; Langham, M.: Cocoon: Building XML Applications, Sams, Juli, 2002.
- Zona Research: *The Economic Impacts of Unacceptable Web-Site Down-load Speeds*, Zona Market Bulletin, Redwood City, CA: Zona Research, 1999.
- ZwPa02 Zwerger, F.; Paulus, S.: E-Business-Projekte: warum sie scheitern und wie man sie zum Erfolg führt, Galileo Business, 2002.