

A SELECTION OF 2010 SAP RESEARCH PUBLICATIONS

Alexe, B., Hernández, M., Popa, L., and Tan, W. "MapMerge. Correlating Independent Schema Mappings." I VLDB Endowment, vol. 3, no. 1, 2010.

Allgaier, M. "Requirements for a Recommendation System Supporting Guided Service Integration Modelling in Extensible Enterprise Systems." In *Modellierung betrieblicher Informationssysteme. CEUR Online-Proceedings*. Dresden, Germany 2010.

Allgaier, M., and Heller, M. "Towards a Model-based Service Integration Framework for Extensible Enterprise Systems." In *Proceedings of the Multikonferenz Wirtschaftsinformatik 2010*. (2010): 1523-1534.

Allgaier, M., and Heller, M. "Model-based Service Integration for Extensible Enterprise Systems with Adaptation Patterns." In *Proceedings of the 5th. International Conference on E-Business*. Athens, Greece, 2010.

Allgaier, M., and Heller, M. "A Service Marketplace Consumption Platform for Extensible Enterprise Systems in an Internet of Services." In *Proceedings of the GI-Jahrestagung Informatik 2010*. 2010.

Altenhofen, M., and Brucker, A. D. "Practical Issues with Formal Specifications: Lessons Learned from an Industrial Case Study." In *Proceedings of the International Workshop on Formal Methods for Industrial Critical Systems*. Heidelberg, Germany, 2010.

Ameling, M., and Herzig, P. "FraMuS - A Framework for Multi-Touch Screens." In *Proceedings of the Workshop on Engineering Patterns for Multi-Touch Interfaces*. 2010.

Ameling, M., Kuhn, C., Schief, M., and Nietzold, F. "Demand-Side Energy Systems for Manufacturing." In *Proceedings of the Workshop Informatik 2010. IT für die Energiesysteme der Zukunft*. Leipzig, Germany, 2010.

Ameling, M., Wolf, B., Springer, T., and Schill, A. "Replication Strategies of Business Objects in SOA." In *Proceedings of the conference Software and Data Technologies: 4th. International Conference 2009*. Heidelberg, Germany, 2010.

Ameling, M., Wuensch, D., and Nietzold, F. "Integrated Demand-Side Energy Management." 2010.

Anisetti, M., Ardagna, C., Guida, F., Guergens, S., Lotz, V., Mana, A., Pandolfo, C., Pazzaglia, J.-C., Pujol, G., and Spanoudakis, G. "ASSERT4SOA: Toward Security Certification of Service-Oriented Applications." In *Proceedings of the 12th. International Symposium on Distributed Objects, Middleware and Applications*. Crete, Greece, 2010.

Arenas-Martínez, M., Herrero-Lopez, S., Sanchez, A., Williams, J., Roth, P., Hofmann, P., and Zeier, A. "A Comparative Study of Data Storage and Processing Architectures for the Smart Grid." 2010.

Armando, A., Carbone, R., and Compagna, L. "LTL Model Checking for Security Protocols." In *Journal of Applied Non-Classical Logics, special issue on Logic and Information Security* (2010): 403-429.

Armando, A., Carbone, R., Compagna, L., Li, K., and Pellegrino, G. "Model-Checking Driven Security Testing of Web-Based Applications." In *Proceedings of the 2010 3rd. International Conference on Software Testing, Verification, and Validation*. (2010): 361-370.

Armando, A., Compagna, L., Carbone, R., and Pellegrino, G. "Automatic Security Analysis of SAML-based Single Sign-On Protocols." In *Digital Identity and Access Management: Technologies and Frameworks*. 2010.

Asrac, W., Bella, G., Chantry, X., and Compagna, L. "Multi-Attacker Protocol Validation." In *Journal of Automated Reasoning*. (2010): 1-36.

Asnar, Y., Massacci, F., Saidane, A., Riccucci, C., Felici, M., Tedeschi, A., El-Khoury, P., Li, K., Seguran, M., and Zannone, N. "Organizational Patterns for Security and Dependability: from Design to Application." In *International Journal for Software Security Engineering Special issue on Software Safety & Dependability - the Art of Engineering Trustworthy Software*. 2010.

Baecker, O., and Bereuter, A. "Technology-Based Industrialization of Claims Management in Motor Insurance." In *Tagungsband Multikonferenz Wirtschaftsinformatik*. 2010.

Baecker, O., Miche, M., and Bohnert, T. M. "Vehicle-to-Business Communication: The Example of Claims Assistance in Motor Insurance." In *Tagungsband Multikonferenz Wirtschaftsinformatik*. 2010.

Balduin, N., Becker, G., Brand, J., Goergen, M., Hannappel, M., Hasenfuß, P., Ley, B., Pipek, V., Probst, F., Reuter, C., Rose, T., Rusch, G., Wiedenhofer, T., and Zinnen, A. "InfoStrom: Learning information infrastructures for crisis management in case of medium to large electrical power breakdowns." 2010.

Barczynski, W., Foester, F., Brauer, F., and Schuster, D. "AdaptIE - Using Domain Language concept to enable Domain Experts in Modeling of Information Extraction Plans." In *Proceedings of the 12th. International Conference on Enterprise Information Systems. Portugal, Funchal*. 2010.

Barczynski, W. M., Brauer, F., Mocan, A., Schramm, M., and Froemberg, J. "BI-Style Relation Discovery among Entities in Text." In *Proceedings of the 2nd. International Workshop on New Trends in Information Integration*. 2010.

Baumann, C., and Loes, C. "Formalizing Copyright for the Internet of Services." In *The 12th. International Conference on Information Integration and Web-based Applications & Services*, by G. Kotsis, D. Taniar, E. Pardede, I. Saleh, , and I. Khalil. (2010): 712-719.

Baumann, C., Peitz, P., Raabe, O., and Wacker, R. "Compliance for Service Based Systems Through Formalization of Law." In *Proceedings of the 6th. International Conference on Web Information Systems and Technology*, by J. Filipe, and J. Cordeiro. (2010): 367-371.

Beckhaus, A., Karg, L. M., and Neumann, D. "The Impact of Collaboration Network Structure on Issue Tracking's Process Efficiency at a Large Business Software Vendor." In *Proceedings of the 43rd. Hawaii International Conference on System Sciences*. (2010): 1-10.

Berthold, H., Boehm, M., Dannecker, L., Rumph, F.-J., Pedersen, T. B., Nychtis, C., Frey, H., Marinsek, Z., Filipic, B., and Tselepis, S. "Exploiting Renewables by Request-Based Balancing of Energy Demand and Supply." 2010.

Berthold, H., Roesch, P., Zoeller, S., Wortmann, F., Carenini, A., Campbell, S., Bisson, P., and Strohmeier, F. "An Architecture for Ad-hoc and Collaborative Business Intelligence." In *Proceedings of the BEWEB workshop at EDBT/ICDT 2010*. 2010.

Bertolino, A., Giandomenico, F. D., Masci, P., Sabetta, A., Martinelli, F., Matteucci, I., Marco, A. D., Issarny, V., and Saadi, R. "Dependability in dynamic, evolving and heterogeneous systems: the CONNECT approach." SERENE. 2010.

Bertolino, A., Inverardi, P., Issarny, V., Sabetta, A., and Spalazzese, R. "On-the-Fly Interoperability through Automated Mediator Synthesis and Monitoring." In *Lecture Notes in Computer Science*, by Margaria, T. and Steffen, B. vol. 6416 (2010): 251-262.

Bertolino, A., Marco, A. D., Giandomenico, F. D., Masci, P., and Sabetta, A. "QoS metrics in dynamic, evolving and heterogeneous CONNECTed systems." In *Proceedings of the 2010 ISSTA Workshop on Dynamic Analyses*. Italy, Trento, July 12-16, 2010.

Bezzi, M. "Expressing privacy metrics as one-symbol information." In *Proceedings of the 2010 EDBT Workshops*. New York City, NY. (2010): 1-5.

Bezzi, M. "An Information Theoretic Approach for Privacy Metrics." In *Transactions on Data Privacy. Foundation and Technologie*, vol. 3, 2010.

Bezzi, M., di Vimercati, S. D. C., Livraga, G., and Samarati, P. "Protecting Privacy of Sensitive Value Distributions in Data Release." In *Proceedings of the 6th. Workshop on Security and Trust Management*. Athens, Greece, 2010.

Bezzi, M., Duquenoy, P., Fischer-Huebner, S., Hansen, M., and Zhang, G. "Privacy and Identity Management for Life." 2010.

Bezzi, M., Gilles, M., Salzgeber, V., and Trabelsi, S. "Sharing Data for Public Security." In *Proceedings of Privacy and Identity Management for Life, 5th. IFIP PrimeLife International Summer School*. September 7-11, (2010): 188-197.

Bicer, V., Borgert, S., Winkler, M., Scheithauer, G., Voigt, K., Cardoso, J., and Aitenbichler, E. "Modeling Services using ISE Framework: Foundations and Extensions." In *Modern Software Engineering Concepts and Practices: Advanced Approaches*, by Bicer, V., and Dogru, A. (2010): 350.

Biswas, D., Haller, S., and Kerschbaum, F. "Privacy-Preserving Outsourced Profiling." In *Proceedings of the 12th. IEEE Conference on Commerce and Enterprise Computing*. Shanghai, China, October 20-22, 2010.

Bohm, K., Etalle, S., den Hartog, J., Hutter, C., Trabelsi, S., Trivellato, D., and Zannone, N. "A Flexible Architecture for Privacy-Aware Trust Management." In *Journal of Theoretical and Applied Electronic Commerce Research Special Issue on Trust and Trust Management*. (2010): 28.

Bohnert, T. M., Robinson, P., Devtsikiotis, M., Callaway, B., Michailidis, G., and Trossen, D. "Service-Oriented Infrastructure." In *Journal of Internet Engineering, Special Issue*. 2010.

Boneh, D., Erlingsson, U., Johns, M., and Livshits, B. "09141 Executive Summary – Web Application Security." In *Web Application Security*, by Boneh, D., Erlingsson, U., Johns, M., and Livshits, B.. 2010.

Brauer, F., Huber, M., Hackenbroich, G., Leser, U., Naumann, F., and Barczynski, W. M. "Graph-based concept identification and disambiguation for enterprise search." In *Proceedings of the 19th. international conference on World wide web..* (2010): 171-180.

Brocke vom, J., and Lippe, S. "Taking a project management perspective on design science research." In *Lecture Notes in Computer Science*, vol. 6105 (2010): 31-44.

Brocke vom, J. and Lippe, S. "Adapting Project Management Standards – Deriving Guidance from Reference Modelling." In *Proceedings of AMCIS 2010*, Paper 409, 2010.

Brogie, M. "ELVIRE: Electric Vehicle communication to Infrastructure, Road services and Electricity supply." In *4th. ERCIM Workshop on eMobility* by Brogie, M., Osipov, E., Braun, T., and Heijen, G., (2010): 123.

Brucker, A. D., Bruegger, L., Kearney, P., and Wolff, B. "Verified Firewall Policy Transformations for Test-Case Generation." In *Proceedings of the International Conference on Software Testing, Verification, and Validation*. 2010.

Brucker, A. D., Bruegger, L., Krieger, M. P., and Wolff, B. "HOL-TestGen 1.5.0 User Guide." Zurich, Switzerland, 2010.

Brucker, A. D., and Hutter, D. "Information Flow in Disaster Management Systems." In *Proceedings of the International Conference on Availability, Reliability and Security*. 2010.

Brucker, A. D., Krieger, M. P., Longuet, D., and Wolff, B. "A Specification-based Test Case Generation Method for UML/OCL." In *Proceedings of the Workshop on OCL and Textual Modelling*. 2010.

Brucker, A. D., and Petritsch, H. "Idea: Efficient Evaluation of Access Control Constraints." In *Proceedings of the International Symposium on Engineering Secure Software and Systems*. 2010.

Brucker, A. D., Petritsch, H., and Weber, S. G. "Attribute-based Encryption with Break-glass." In *Proceedings of the Workshop Information Security Theory And Practice*. 2010.

Brucker, A. D., Schaad, A., and Wolter, C. "Prozessmodellierung: Einbinden von Sicherheitsregeln in Geschäftsprozesse. iX special sse." (2010): 152-155.

Bryans, J. W., and Wei, W. "Formal Analysis of BPMN Models Using Event-B." In *Proceedings of 15th. International Workshop on Formal Methods for Industrial Critical Systems*, by S. Kowalewski, and M. Roveri. (2010): 33-49.

Brynjolfsson, E., Hofmann, P., and Jordan, J. "Cloud computing and electricity: beyond the utility model." In *Communications of ACM*, vol. 53, no. 5 (2010): 32-34.

Cannata, A., Karnouskos, S., and Taisch, M. "Evaluating the potential of a service oriented infrastructure for the factory of the future." In *Proceedings of the 8th International Conference on Industrial Informatics*. Osaka, Japan, July 13-16, (2010).

Casale, G., Zhang, E. Z., and Smirni, E. "Trace Data Characterization and Fitting for Markov Modeling." In *Elsevier Performance Evaluation*. 2010.

Chan May, K. S. "Formal methods for web services: a taxonomic approach." (2010): 357-360.

Charfi, A., Mueller, H. and Mezini, M. "Aspect-Oriented Business Process Modeling with AO4BPMN." In *ECMFA*, by T. Kuehne, B. Selic, M.-P. Gervais, and F. Terrier. (2010): 48-61.

Charfi, A., Schmeling, B., Novelli, F., and Witteborg, H. "An overview of the Unified Service Description Language." In *Proceedings of 8th. IEEE European Conference on Web Services IEEE Computer Society*. 2010.

Chaves, L. W. F., Buchmann, E., and Boehm, K. "Finding Misplaced Items in Retail by Clustering RFID Data." In *EDBT'10*. 2010.

Chaves, L. W. F., and Decker, C. "A Survey on Organic Smart Labels for the Internet-of-Things." In *Proceedings of INSS'10*. 2010.

Chaves, L. W. F., and Kerschbaum, F. "Security and Privacy in Track & Trace Infrastructures." In *Agent-Based Computing*. 2010.

Chaves, L. W. F., and Nocht, Z. "Printed Organic Smart Labels: Breakthrough Towards the Internet of Things?." In *Unique Radio Innovation for the 21st. Century*, by D. C. Ranasinghe, Q. Z. Sheng, and S. Zeadally. 2010.

Chuang, C.-H., and van Loggerenberg, J. "Challenges facing enterprise architects: a South African perspective." 2010.

Chuang, C.-H., van Loggerenberg, J., and Lotriet, H. "Towards Improving Enterprise Architecture Decision-Making through Service-Dominant Logic." In *Association of Information Systems*. 2010.

Colombo, A. W., Karnouskos, S., and Mendes, J. M. "Factory of the Future: A Service-Oriented System of Modular, Dynamic Reconfigurable and Collaborative Systems." In *Artificial Intelligence Techniques for Networked Manufacturing Enterprises Management*, by L. Benyoucef, and B. Grabot. 2010.

Dada, A., Rau, A., Konkel, M., Staake, T., and Fleisch, E. "The Potential of the EPC Network to Monitor and Manage the Carbon Footprint of Products; Part 2: Dynamic Carbon Footprint Demonstrators." In *Technical report, Auto-ID Labs*. 2010.

Dada, A., Staake, T., and Fleisch, E. "Reducing Environmental Impact in Procurement by Integrating Material Parameters in Information Systems: The Example of Apple Sourcing." In *Proceedings of AMCIS 2010*. 2010.

Daniel, F., Koschmider, A., Nestler, T., Roy, M., and Namoun, A. "Toward Process Mashups: Key Ingredients and Open Research Challenges." In *Proceedings of Mashups 2010*. 2010.

Daniel, F., Koschmider, A., Nestler, T., Roy, M., and Namoun, A. "Toward Process Mashups: Key Ingredients and Open Research Challenges." In *Proceedings of the 4th. International Workshop on Web APIs and Service Mashups @ ECOWS 2010*. Ayia Napa, Cyprus., Decemeber, 2010.

Dannecker, L., Feldmann, M., Nestler, T., Huebsch, G., Jugel, U., and Muthmann, K. "Rapid Development of Composite Applications Using Annotated Web Services." In *Proceedings of the 6th. Model-Driven Web Engineering Workshop*. 2010.

Dannecker, L., Preussner, A., Nestler, T., Feldmann, M., and Namoun, A. "Service Annotations for Improving the Generation of Web Service User Interfaces." In *Proceedings of the 8th. European Conference on Web Services*. Ayia Napa, Cyprus., Decemeber, 2010.

Das, S., Sismanis, Y., Beyer, K. S., Gemulla, R., Haas, P. J., and McPherson, J. "Ricardo: integrating R and Hadoop." In *Proceedings of the 2010 international conference on Management of data*. New York City, NY: 987-998.

Dau, F. and Konzag, A. "Management von Entwicklungsinformationen und Produktdaten als eine Grundlage zur Erhöhung der Qualität von Fahrzeugkonzepten." In *Text- und Data Mining für die Qualitätsanalyse in der Automobilindustrie*, by G. Heyer.. 2010.

Dau, F., and Konzag, A. "Bereitstellung unstrukturierter Daten und Verknuepfung mit strukturierten Daten in der Konzeptentwicklung von Automobilen." In *Proceedings of 21st. Symposium on Design for X*. Hamburg, Germany, September 23-24. (2010): 83-94.

Dietrich, M., Weissmann, D., Rech, J. and Stuhc, G. "Multilingual Extraction and Mapping of Dictionary Entry Names in Business Schema Integration." In *Proceedings of the 12th. International Conference on Information Integration and Web-based Applications & Services*. (2010): 863-866.

Dinkelaker, T., Mitschke, R., Fetzer, K., and Mezini, M. "A Dynamic Software Product Line Approach using Aspect Models at Runtime." In *Proceedings of the 1st. International Workshop on Composition: Objects, Aspects, Components, Services and Product Lines*, by P. Lahire, G. Georg, M. Oussalah, J. Whittle, N. Moha, S. V. and Baelen. 2010.

Dlamini, M. "The Economics on Information Security." *MSc dissertation, University of Pretoria*. Pretoria, South Africa, 2010.

Dlamini, M., Eloff, J., Smit, D., and Venter, E. "Inclusive Information Society - Challenges from a South African Rural Primary Healthcare Perspective." In *Proceeding of the ISSA 2010 Conference*. 2010.

Doehring, M. "Guided Flexibility by Efficiently Combining Workflow, Rule, and Eventing Paradigms." In *Proceedings of the 8th International Conference on Business Process Management 2010*. Hoboken, NJ, September 13-16., 2010.

Doehring, M., Berlea, A., and Stoerl, U. "Automatically Tagging Online Community Content using Probabilistic Topic Models" *Lecture Notes in Informatics*. (2010): 113-116.

Doehring, M., Karg, L., Godehardt, E., and Zimmermann, B. "The Convergence of Workflows, Business Rules and Complex Events — Defining a Reference Architecture and Approaching Realization Challenges." In *Proceeding of the 12th. International Conference on Enterprise Information Systems*. Funchal, Portugal,. 2010.

Doehring, M., Zimmermann, B., and Godehardt, E. "Extended Workflow Flexibility using Rule-Based Adaptation Patterns with Eventing Semantics." In *Proceedings of the anual Meeting of Gesellschaft für Informatik. Lecture Notes in Informatics*. (2010): 195-200.

Doerflinger, J. "Bottom Billion Architecture: An Extensible Software Architecture for ICT Access in the Rural Developing World." In *Proceedings of the International Conference on Information and Communication Technologies and Development*. 2010.

Doerflinger, J. and Gross, T. "Technical ICTD - A User Centered Lifecycle." In *Communications: Wireless in Developing Countries and Networks of the Future*. Boston, by A. Pont,, G. Pujolle, and S. Raghavan.. (2010): 72-83.

Doerflinger, J., and Gross, T. "Mobile HCI and technical ICTD: a methodological perspective." In *Proceedings of the 12th. international conference on Human computer interaction with mobile devices and services*. New York City, NY. (2010): 517-520.

Doeweling, S., and Glaubitt, U. "Drop-and-Drag: Easier drag&drop on large touchscreen displays." In *Proceedings of the Nordic Conference on Human-Computer Interaction*. New York City, NY, 2010.

Doeweling, S., and Lewandowski, A. "Large Touchscreens and the Average User - An Evaluation." In *Proceedings of the Workshop on "Anforderungen und Loesungen fuer die Nutzung interaktiver Displays im Kontext kollaborativer Arbeit."* (2010): 2

Egele, M., Scholte, T., Kirda, E., and Kruegel, C. "A Survey on Automated Dynamic Malware Analysis Techniques and Tools." In *ACM Computing Surveys Journal*. 2010.

Eisenreich, K., Hackenbroich, G., Markl, V., Roesch, P., and Schulze, R. "Handling of Uncertainty and Temporal Indeterminacy for What-If Analysis." In *Proceedings of the 4th. VLDB International Workshop on Business Intelligence for the Real Time Enterprise*. 2010.

Eisenreich, K., and Roesch, P. "Handling Uncertainty and Correlation in Decision Support." In *Proceedings of the 4th. International VLDB Workshop on Management of Uncertain Data*. 2010.

Eloff, J., Mtsweni, J., and Ntuli, M. "Developing m-Services for Emerging Markets: a case of South Africa." In *Proceedings of the 1st. International Conference on Services in Emerging Markets*. Gachibowli, Hyderabad, India, , September 23-24, 2010

Eloff, J., and Da Veiga, A. "A framework and assessment instrument for Information Security Culture." In *Computers and Security*, vol. 29, no. 2 (2010): 196-207.

Eloff, J., and Veerasamy, N. "Motivation and Requirements for Determining a network Warfare Capability." In *Proceedings of the 9th. European Conference on Information Warfare and Security*. Thessaloniki, Greece, July 1-2. (2010): 310-319.

Erdogan, A. and Paulheim, H. "Maechtig & Schick - Java-Applikationen mit Flex-Uls." In *JavaSpektrum*, vol. 2 (2010): 32-35.

Eurich, M., and Boutellier, R. "Middleware Integration Platforms: A New Challenge to the Business Models of ICT Companies." In *Proceedings of the International Conference on e-Business 2010*, by D. Marca, B. Shishkov, and M. V. Sinderen. Portugal. (2010): 239-244.

Eurich, M., and Boutellier, R. "So koennen Unternehmen im Internet Geld verdienen." In *io new management*, no. 7/8 (2010): 17-21.

Eurich, M., Oertel, N., and Boutellier, R. "The impact of perceived privacy risks on organizations' willingness to share item-level event data across the supply chain." In *Electronic Commerce Research Journal*. 2010.

Fetzer, C., Brito, A., Fach, R., and Jerzak, Z. "Principles and Applications of Distributed Event-based Systems." 2010.

Fetzer, K., and Vogel, L. "CSS Styling in Helios - Embellishing the Sun God." In *Jaxmag*, vol. 2010, no. 1 (2010): 15-17.

Flegel, U. "Privacy compliant internal fraud screening." In *Proceedings of the 12th. International Conference on Information Security Solutions Europe*. Berlin, Germany, 2010.

Flegel, U., Kerschbaum, F., Miseldine, P., Monakova, G., Wacker, R., and Leyman, F. "Insider Threats in Cybersecurity – And Beyond." Heidelberg, Germany, 2010.

Flegel, U., Kerschbaum, F., Miseldine, P., Monakova, G., Wacker, R., and Leymann, F. "Legally Sustainable Solutions for Privacy Issues in Collaborative Fraud Detection." In *Insider Threats in Cyber Security* by C. Probst, J. Hunker, and D. Gollmann. Heidelberg, Germany, 2010.

Flegel, U., Vayssière, J., and Bitz, G. "Insider Threats in Cyber Security." In *Advances in Information Security*. vol. 49 (2010): 73-84.

Franke, C., Fritzsche, M., and Pacheco-Sanchez, S. "Self-adaptive Model-based Performance Management in Industrial Data Centers." In *Proceedings of the 7th. IEEE International Conference and Workshops on Engineering of Autonomic and Autonomous Systems*. Washington, D.C., 2010.

Franke, J., and Charoy, F. "Design of a Collaborative Disaster Response Process Management System." In *Proceedings of the 9th. International Conference on the Design of Cooperative Systems*. Aix-en-Provence, France, May 19 -21, 2010.

Franke, J., Charoy, F., and Khoury, P. E. "Collaborative Coordination of Activities with Temporal Dependencies." In *Proceedings of the 18th. International Conference on Cooperative Information Systems*. Crete, Greece, 2010.

Franke, J., Charoy, F., and Ulmer, C. "Un modèle centré activité distribué pour la coordination des acteurs de la crise." In *Proceedings of the Workshop Interdisciplinaire sur la Sécurité Globale*. Troyes, France, 2010.

Franke, J., Charoy, F., and Ulmer, C. "Pervasive Emergency Response Process Management System." In *Proceedings of the 1st. Annual Workshop on Pervasive Networks for Emergency Management in IEEE International Conference on Pervasive Computing and Communications*. Mannheim, Germany, 2010.

Franke, J., Charoy, F., and Ulmer, C. "A Model for Temporal Coordination of Disaster Response Activities." In *Proceedings of the 7th. International Conference for Information Systems for Crisis Response and Management*. Seattle, WA, 2010.

Franke, J., Charoy, F., and Ulmer, C. "Coordination and Situational Awareness for Inter-Organizational Disaster Response." In *Proceedings of the 10th. IEEE International Conference on Technologies for Homeland Security*. Boston, MA, 2010.

Friesen, A., Theilmann, W., Heller, M., Lemcke, J., and Momm, C. "On Some Challenges in Business Systems Management and Engineering for the Networked Enterprise of the Future." In *Proceedings of the International Workshop on Business System Management and Engineering in conjunction with the 48th. International Conference on Objects, Models, Components, Patterns*. Germany, June, 2010.

Fritz, C., Kirschner, C., Reker, D., Wisplinghoff, A., Paulheim, H., and Probst, F. "Geospatial Web Mining for Emergency Management." In *GIScience 2010 - Extended Abstracts*. 2010.

Fritzsche, M., Gilani, W., Thiele, M., Spence, I., Brown, T. J., and Kilpatrick, P. "A Scalable Approach to Annotate arbitrary Modelling Languages." In *Proceedings of the Modellierung 2010, Lecture Notes in Informatics*. Heidelberg, Germany, 2010.

Fuchsloch, A., Hoyer, V., and vom Brocke, J. "Verbesserte Entscheidungsqualitaet durch Enterprise Mashups." In *Controlling. Zeitschrift für erfolgsorientierte Unternehmenssteuerung*. vol. 22, no. 5, 2010.

Fuchsloch, A., Schmidt, A., Vogel, T., and Nussbaumer, M. "From Cross-Organizational Business Process to Public Services." In *Proceedings of the 16th. Americas Conference on Information Systems*. (2010): 1-14.

Funke, D., and Kerschbaum, F. "Privacy-Preserving Multi-Objective Evolutionary Algorithms." In *Proceedings of the 11th. International Conference on Parallel Problem Solving From Nature*. 2010.

Gomez, L., and Ulmer, C. "Secure Sensor Networks for Critical Infrastructure Protection." In *Proceedings of the 4th. International Conference on Sensor Technologies and Applications*. (2010): 144-150.

Grammel, B., and Kastenholz, S. "A Generic Traceability Framework for Facet-based Traceability Data Extraction in Model-driven Software Development." In *Proceedings of the ECMFA Traceability Workshop*. 2010.

Grottke, M., Karg, L. M., and Beckhaus, A. "Team Factors and Failure Processing Efficiency: An Exploratory Study of Closed and Open Source Software Development." In *Proceedings of the 34th. IEEE Annual Computer Software and Applications Conference*. Oxford, UK. (2010): 188-197.

Guinard, D., Trifa, V., Karnouskos, S., Spiess, P., and Savio, D. "Interacting with the SOA-Based Internet of Things: Discovery, Query, Selection, and On-Demand Provisioning of Web Services." In *IEEE Transactions on Services Computing*, vol. 3 (2010): 223-235.

Guinard, D., Trifa, V. and Wilde, E. "A Resource Oriented Architecture for the Web of Things." In *Proceedings of IEEE International Conference on the Internet of Things 2010*. 2010.

Happe, J., Groenda, H., Hauck, M. and Reussner, R. H. "A Prediction Model for Software Performance in Symmetric Multiprocessing Environments." In *Proceedings of the 2010 7th. International Conference on the Quantitative Evaluation of Systems*. Washington, D.C. (2010): 59-68.

Happe, J., Westermann, D., Sachs, K., and Kapova, L. "Statistical Inference of Software Performance Models for Parametric Performance Completions." In *Research into Practice - Reality and Gaps*, by G. Heineman, J. Kofron, and F. Plasil. (2010): 20-35.

Hartog den, J., Hutter, C., and Trabelsi, S. "Combined Trust Management Architecture." In *Proceedings of the Conference on Mobility Individualisation Socialisation Connectivity 2010*. London, UK, January, 2010.

Hauck, M., Happe, J., and Reussner, R. H. "Automatic Derivation of Performance Prediction Models for Load-balancing Properties Based on Goal-oriented Measurements." In *Proceedings of the 18th. IEEE International Symposium on Modeling, Analysis and Simulation of Computer and Telecommunication Systems*. 2010.

Heinrich, M., and Boehm-Peters, A. "Automatic Semantic Image Annotation within the Domain of Software Modeling." In *Proceedings of the IADIS WWW/Internet Conference*. 2010.

Heinrich, M., Vogel, L., Schramm, A., and Preußner, A. "Das modellierte User Interface." In *Eclipse Magazin*, no. 3, 2010.

Heinzi, S., Nonenmacher, A., and Freisleben, B. "Mashups in Flex, Part 1." In *Java Magazin*, no. 3 (2010): 54-59.

Heinzi, S., Nonenmacher, A., and Freisleben, B. "Mashups in Flex, Part 2." In *Java Magazin*, no. 4 (2010): 54-58.

Heinzi, S., and Schmeling, B. "Using XML Schema to Improve Writing, Validation, and Structure of WS-Policies." In *Proceedings of the 25th. Symposium On Applied Computing*. New York City, NY (2010): 2422-2429.

Heinzi, S., Schmeling, B., and Freisleben, B. "Using Temporal Policies for Managing Changing Meta-Data of Web Services." In *International Journal of Web and Grid Services*, vol. 6, no. 4 (2010): 331-356.

Hofmann, P., and Woods, D. "Cloud Computing: The Limits of Public Clouds for Business Applications." In *IEEE Internet Computing*, vol. 14, no. 6 (2010): 90-93.

Hoyer, V. "Enterprise Mashups: Konzept, Anwendungsgebiete und Forschungsperspektiven." In *Das Wirtschaftsstudium*, vol. 39, no. 2 (2010): 196-198.

Hoyer, V., Janner, T., and Fuchsloch, A. "Implementing Cross-Organizational Business Processes with Enterprise Mashups: Hype or Reality?" In *Proceedings of the 16th. Americas Conference on Information Systems*. 2010.

Hu, J. "Derivation of Trust Federation for Collaborative Business Processes." In *Information Systems Frontiers: Special Issue on Global IT and IT-Enabled Services*. 2010.

Hu, J., Fan, X., and Fischer, R. "Business-driven Trust Federation Management for Service Marketplaces." In *Proceedings of the 7th. IEEE 2010 International Conference on Services Computing*. Oxford, UK,(2010).

Ilk, N., Zhao, J., Goes, P., and Hofmann, P. "Semantic enrichment process: An approach to software component reuse in modernizing enterprise systems." In *Information Systems Frontiers Heidelberg*. (2010): 1-12.

Jawurek, M., and Johns, M. "Security Challenges of a Changing Energy Landscape." In *Information Security Solutions Europe*. Wiesbaden, Germany,, 2010.

Jodeit, M., and Johns, M. "USB Device Drivers: A Stepping Stone into your Kernel." In *Proceedings of the 6th. European Conference on Computer Network Defense*. Washington, D.C., 2010.

Johns, M. "Code-injection Verwundbarkeiten in Web Anwendungen am Beispiel von Cross-site Scripting." In *Ausgezeichnete Informatikdissertationen 2010*, no. D-10., 2010.

Johns, M., Beyerlein, C., Giesecke, R., and Posegga, J. "Secure Code Generation for Web Applications." In *Proceedings of the 2nd. International Symposium on Engineering Secure Software and Systems*. Heidelberg, Germany (2010): 96-113.

Jouault, F., Fritzsche, M., Gilani, W., and Laemmel, R. "Industrial Experiences related to Model Transformation Chains in Model-Driven Performance Engineering." In *Modellierung 2010, Lecture Notes in Informatics*. Heidelberg, Germany, 2010.

Jugel, U. "Visual, In-place Data Flow Modeling." In *Proceedings of the International Conference on Advanced Visual Interfaces*. Trier, Germany, , 2010.

Jugel, U., and Preußner, A. "A Case Study on API Generation." In *System Analysis and Modelling - SAM 2010*, 2010.

Kadner, K., and Fleischhauer, R. "Von EMF auf CDO in 5 Minuten." In *Eclipse Magazin*, vol. 6, 2010.

Kandie, W., and Ngassam, E. K. "Preliminary investigations into the business ecosystem in rural South Africa: An e-Business perspective." In *Proceedings of the 1st. International Conference on Services in Emerging Markets*. Gachibowli, Hyderabad, India, 2010.

Kapova, L., Goldschmidt, T., Happe, J., and Reussner, R. H. "Domain-specific templates for refinement transformations." In *Proceedings of the 1st. International Workshop on Model-Drive Interoperability*. New York City, NY, (2010): 69-78.

Kapova, L., Zimmerova, B., Martens, A., Happe, J., and Reussner, R. H. "State Dependence in Performance Evaluation of Component-Based Software Systems." In *Proceedings of the 1st. Joint WOSP/SIPEW International Conference on Performance Engineering*. New York City, NY, (2010): 37-48.

Karnouskos, S. "The cooperative Internet of Things enabled Smart Grid." In *Proceedings of the 14th. IEEE International Symposium on Consumer Electronics*. Washington, D.C., 2010.

Karnouskos, S. "Business Services in an IP enabled SmartGrid." In *Proceedings of the 36th. Annual Conference of the IEEE Industrial Electronics Society*. Washington, D.C., 2010.

Karnouskos, S., Colombo, A. W., Jammes, F., Delsing, J., and Bangemann, T. "Towards an Architecture for Service-Oriented Process Monitoring and Control." In *Proceedings of the 36th. Annual Conference of the IEEE Industrial Electronics Society*. Washington, D.C., 2010.

Karnouskos, S., Savio, D., Spiess, P., Guinard, D., Trifa, V., and Baecker, O. "Real World Service Interaction with Enterprise Systems in Dynamic Manufacturing Environments." In *Artificial Intelligence Techniques for Networked Manufacturing Enterprises Management* by L. Benyoucef, and B. Grabot, B. Heidelberg, Germany, 2010.

Karnouskos, S., da Silva, P. G., and Ilic, D. "Performance evaluation of web service enabled smart metering platform." In *Proceedings of the 1st. International ICST Conference on E-Energy*. Heidelberg, Germany, 2010.

Karnouskos, S., Vasseur, J., Wetterwald, P., Martocci, J. P., Humpal, T., and Zhu, M. "The Internet of Things and the Convergence of Networks." In *RTC magazine*, 2010.

Karnouskos, S., Vasseur, J., Wetterwald, P., Martocci, J. P., Humpal, T., and Zhu, M. "IP in Commercial Buildings." *IPSO Alliance white paper* (2010).

Karnouskos, S., Weidlich, A., Kok, K., Warmer, C., Ringelstein, J., Selzam, P., Dimeas, A., and Drenkard, S. "Field Trials towards Integrating Smart Houses with the Smart Grid." In *Proceedings of the 1st. International ICST Conference on E-Energy*. Heidelberg, Germany, 2010.

Karnouskos, S., Weidlich, A., Ringelstein, J., Dimeas, A., Kok, K., Warmer, C., Selzam, P., Drenkard, S., Hatziargyriou, N., and Lioliou, V. "Monitoring and Control for Energy Efficiency in the Smart House." In *Proceedings of the 1st. International ICST Conference on E-Energy*. Heidelberg, Germany, 2010.

Kern, R., Bauer, C., Thies, H., and Satzger, G. "Validating results of human-based electronic services leveraging multiple reviewers." In *Proceedings of the 16th. Americas Conference on Information Systems*. Heidelberg, Germany, 2010.

Kern, R., Thies, H., Bauer, C., and Satzger, G. "Quality Assurance for Human-Based Electronic Services: A Decision Matrix for Choosing the Right Approach." In *Current Trends in Web Engineering - Proceedings ICWE 2010* by F. Daniel, and F. M. Facca.. Heidelberg, Germany (2010): 421-424.

Kern, R., Thies, H., and Satzger, G. "Statistical Quality Control for Human-Based Electronic Services." In *Proceedings of the International Conference on Service-Oriented Computing 2010*. 2010.

Kerschbaum, F. "Data Protection in Collaborative Business Applications." In *Collaborative Computer Security and Trust Management* by J.-M. Seigneur, and A. Slagell. Hershey, PA, 2010.

Kerschbaum, F. "An Access Control Model for Mobile Physical Objects." In *Proceedings of the 15th. ACM Symposium on Access Control Models and Technologies*. New York City, NY., 2010.

Kerschbaum, F., and Aigner, M. "Securing RFID-supported Supply Chains." In *Proceedings of the Asian Workshop on RFID Security*. 2010.

Kerschbaum, F., and Oertel, N. "Privacy-Preserving Pattern Matching for Anomaly Detection in RFID Anti-Counterfeiting." In *Proceedings the 6th. Workshop on RFID Security*. Singapore, Malaysia, , February 22-23., 2010.

Kerschbaum, F., Oertel, N., and Chaves, L. W. F. "Privacy-Preserving Computation of Benchmarks on Item-Level Data Using RFID." In *Proceedings of the 3rd. ACM Conference on Wireless Network Security*. New York City, NY, 2010.

Kerschbaum, F., and Sorniotti, A. "Searchable Encryption for Outsourced Data Analytics." In *Proceedings of the 7th. European Workshop on Public Key Services, Applications and Infrastructures*. 2010.

Kerschbaum, F., and Sorniotti, A. "Extending Searchable Encryption for Outsourced Data Analytics." In *Proceedings of the 8th. International Conference on Applied Cryptography and Network Security – Industrial Track*. Beijing, China, , June 22-25., 2010.

Khalilbeigi, M., Bradler, D., Schweizer, I., Probst, F., and Steimle, J. "Towards Computer Support of Paper Workflows in Emergency Management." 2010.

Kiemes, T., and Oberle, D. "Generic Modeling and Management of Price Plans in the Internet of Services." In *Informatik 2010: Service Science - Neue Perspektiven für die Informatik, Beiträge der 40. Jahrestagung der Gesellschaft für Informatik e.V.* by K.-P. Fähnrich, and B. Franczyk. Vol. 1, Leipzig Germany, (2010): 533-538.

Kiemes, T., Oberle, D. and Novelli, F. "Towards a reusable and executable Pricing Model in the Internet of Services." In *Proceedings of the 12th. International Conference on Information Integration and Web-based Applications & Services*, by G. Kotsis, D. Taniar, E. Pardede, I., Saleh, and I.Khalil, New York City, New York. 2010.

Klein, A. and Jerzak, Z. "The GINSENG Middleware for Performance Control in Sensor Networks." In, and 5th. *International Conference on Management and Control of Production and Logistics*, by A. Durado, and F. Filip. 2010.

Klein, A., and Jerzak, Z. "GINSENG for sustainable energy awareness: flexible energy monitoring using wireless sensor nodes." In *Proceeding of the 4th. ACM International Conference on Distributed Event-Based Systems*. New York, New York, 2010.

Klein, A., and Olbrich, S. "Warehousing and Analyzing Streaming Data Quality." In *Proceedings of the 16th. Americas Conference on Information Systems*. Heidelberg, Germany,, 2010.

Kluth, S., Porzucek, T., Fritzsche, M., and Redlich, D. "Combination of a Discrete Event Simulation and an Analytical Performance Analysis through Model-Transformations." In *Proceedings of the 16th. IEEE International Conference on the Engineering*. Washington, 2010.

Knechtel, M. *Access Restrictions to and with Description Logic Web Ontologies*. Technische Universität Dresden. (2010).

Knechtel, M., and Pecaloza, R. "A Generic Approach for Correcting Access Restrictions to a Consequence." In *Proceedings of the 7th. Extended Semantic Web Conference*, by L. Aroyo, G. Antoniou, E. Hyvoenen, A. ten Teije, H. Stuckenschmidt, L. Cabral, and T. Tudorache. (2010): 167-182.

Knechtel, M., and Pecaloza, R. "Correcting Access Restrictions to a Consequence." In *Proceedings of the 23rd. International Workshop on Description Logics*, by V. Haarslev, D. Toman, and G. Weddell. 2010.

Knechtel, M., and Stuckenschmidt, H. "Query-Based Access Control for Ontologies." In *Proceedings of the 4th. International Conference on Web Reasoning and Rule Systems*, by P. Hitzler, and T. Lukasiewicz, Heidelberg, Germany. (2010): 73-87.

Kneisel, B. O., and Karg, L. "Paradigmenwechsel Agilitaet – neue Lean-Arbeitsmodelle für industrialisierte, projektbasierte Wertschoepfung im 21. Jahrhundert." In *Projektarbeit zwischen Effizienzdruck und Qualitätsanforderungen*, by R. Wagner, and M. Engstler, Heidelberg, Germany,. (2010): 55-68.

Kohler, M., and Brucker, A. D. "Caching Strategies: An Empirical Evaluation." In *Proceedings of the International Symposium on Empirical Software Engineering and Measurement, at the International Workshop on Security Measurements and Metrics*. 2010.

Koschmider, A., Hoyer, V., and Giessmann, A. "Quality Metrics for Mashups." In *Proceedings of the 2010 Annual Research Conference of the South African Institute for Computer Scientists and Information Technologists*. New York, New York 2010.

Kossmann, D., and Kraska, T. "Data Management in the Cloud: Promises, State-of-the-art and Open Questions." *Datenbanken und Cloud-Computing*, Datenbank Spektrum, vol. 3, no. 10 (2010): 121-129.

Kozyura, V., Wieczorek, S., and Wei, W. "Checking Consistency Between Message Choreographies And Their Implementation Models." In *Proceedings of the 10th. International Workshop on Automated Verification of Critical Systems*, by Bendisposto, and M. R. Oggenbach, 2010.

Krebs, R. *Kombination von mess- und modellbasierten Verfahren zur Software Performance-Analyse von Webservice Kompositionen*. (2010).

Krimmel, M., and Orb, J. *SAP NetWeaver Process Integration*. Bonn, Germany. (2010).

Kroener, A., Kahl, G., Spassova, L., Feld, T., Mayer, D., Magerkurth, C., and Dada, A. "Demonstrating the Application of Digital Product Memories in a Carbon Footprint Scenario." In *Proceedings of the 6th. International Conference on Intelligent Environments*. Kuala Lumpur, Malaysia (2010): 164-169.

Kuhn, C. "On the way to successful Business Network Transformation." In *Proceedings of the International Workshop on Digital Object Memories in the Internet of Things*. 2010.

Lahrmann, G., Raber, D. and Wortmann, F. "Business Intelligence Operational Structures: Towards the Design of a Reference Process Map." In *Business Intelligence im Spannungsfeld von Effizienz und Agilitaet*. (2010): 27-32.

Laube, A., and Plate, H. "Security Management fuer IT-Dienstleister." *digma, Zeitschrift für Datenrecht und Informationssicherheit*, no. 4 (2010): 164-167.

Lehmann, S., Draisbach, T., Buxmann, P. and Koll, C. "Pricing Models of Software as a Service Providers: Usage-Dependent Versus Usage-Independent Pricing Models." In *Proceedings of the 8th. Conference on Information Science Technology*. New York, New York, 2010.

Lehmann, S., Draisbach, T., Koll, C., Buxmann, P., and Diefenbach, H. "SaaS-Preisgestaltung: Bestehende Preismodelle im Ueberblick." 2010: 155-169.

Lehmann, S., Draibach, T., Koll, C., Buxmann, P., and Diefenbach, H. "Preisgestaltung für Software-as-a-Service. Ergebnisse einer empirischen Analyse mit Fokus auf nutzungsabhängige Preismodelle." In *Proceedings der Multikonferenz Wirtschaftsinformatik 2010* by M. Schumann, L. M. Kolbe, M. H. Breitner, and A. Frerichs, (2010): 505-516.

Lehner, W., and Klein, A. "Quality and Performance Optimization of Sensor Data Stream Processing." *International Journal On Advances in Networks and Services*, vol. 1.2 (2010).

Lemcke, J., Rahmani, T., and Friesen, A. "Semantic Business Process Engineering." In *Reasoning Web*, by U. Alsmann, A. Bartho, and C. Wende, (2010): 161-181.

Li, H., Casale, G., and Ellahi, T. "SLA-Driven Planning and Optimization of Enterprise Applications." In *Proceedings of 1st joint ACM WOSP/SIPEW Intl. Conference on Performance Engineering*. San José, California. 2010.

Li, K. "Towards Security Vulnerability Detection by Source Code Model Checking." In *Proceedings of the 2010 3rd International Conference on Software Testing, Verification, and Validation Workshops*. Washington. (2010): 381-387.

Lindner, M., Galán, F., Chapman, C., Clayman, S., Henriksson, D., and Elmroth, E. "The Cloud Supply Chain: A Framework for Information, Monitoring, Accounting and Billing." In *Proceedings of CloudComp 2010*. Barcelona, Spain, 2010.

Lindner, M., Robinson, P., McLarnon, B., and McDonald, F. *The Bullwhip Effect and VM Sprawl in the Cloud Supply Chain*. 2010.

Lochmann, K., Wagner, S., Goeb, A. and Kirchler, D. "Categorization of Software Quality Patterns." In *Proceedings of the Workshop Software-Qualitätsmodellierung und -bewertung*. 2010.

Loesch, M., Miche, M., Kaspar, F., Brogle, M., and Bohnert, T. M. "Vehicle-to-Business Communication: Enabling Web Services for High-Scalable Communication Infrastructures in Mobile Bandwidth-Limited Networks." *Computer Science Journal, Furtwangen University of Applied Sciences* (2010): 73-83.

Lokaiczuk, R., Faatz, A. and Schmidt, B. "Useability versus Adaptation - Approaches to Higher Level Context Detection." In *Proceedings of the 6th International Workshop on Modeling and Reasoning in Context*. 2010.

Lombardi, J.-P., Vogel, J., and Duebon, K. "Wizard-based Process Modeling for Business Users." 2010.

Louw de, R., and Doerflinger, J. *Further lessons from the Sekhukhune Rural Living Lab – Mobile Web Business Applications in Emerging Economies*. IST-Africa (2010): 1-10.

Magerkurth, C., Haller, S., and Hagedorn, P. "Intersecting the Architecture of the Internet of Things with the Future Retail Industry." In *Proceedings of Ambient Intelligence: 1st International Joint Conference*. by B. de Ruyter. 2010.

Marqués, A., Serrano, M., Karnouskos, S., Marrón, P. J., Sauter, R., Bekiaris, E., Kesidou, E., and Hoeglund, J. "NOBEL – A Neighborhood Oriented Brokerage Electricity and Monitoring System." In *Proceedings of the 1st International ICST Conference on E-Energy*. 2010.

Martin, Y., and Thielscher, M. "Integrating Reasoning about Actions and Bayesian Networks." In *Proceedings of the 2nd International Conference on Agents and Artificial Intelligence*, by J. F. A. Fred, and B. Sharp, (2010): 298-304.

May, N., Cardoso, J., and Kylau, U. "Towards a Unified Service Description Language for the Internet of Services: Requirements and First Developments." In *Proceedings of the IEEE International Conference on Services Computing*. (2010): 602-609.

McLarnon, B., Robinson, P., Sage, P., and Milligan, P. "Classification and Impact Analysis of Faults in Automated System Management." In *Proceedings of the International Conference on Dependability*. (2010): 182-187.

Meijler, T. D., Nyttun, J. P., Prinz, A. and Wortmann, H. "Supporting Fine-Grained Generative Model-Driven Evolution." *Software and Systems Modeling* vol.9, no.3 (2010): 403-424.

Merz, C., Bilicki, V., Doerflinger, J., Fernández, M. V., Guzman, J. G., Horak, P., Astorga, J., Azañón, E., and Szucs, V. "Reference Architecture for Collaborative Working Environments in Rural Areas." *The Electronic Journal for Virtual Organizations and Networks*, no. 11 (2010).

Merz, C., Friedland, C., de Louw, R., Doerflinger, J., Maritz, J., van Rensburg, J., and Naudé, A. "Sekhukhune: A Living Lab Stimulating Economic Growth of Rural Microenterprises in South Africa." *The Electronic Journal for Virtual Organizations and Networks*, no. 11 (2010).

Mettler, T. "Maturity Assessment Models: A Design Science Approach." *International Journal of Society Systems Science*, (2010).

Mettler, T. "Thinking in Terms of Design Decisions When Developing Maturity Models." *International Journal of Strategic Decision Sciences*, Vol. 1, no. 4 (2010): 78-87.

Mettler, T. "Understanding Non-hierarchical Manufacturing Networks as Service Systems: An Ontological Approach." In *Proceedings of the IFIP Working Group 5.7 on Advances in Production Management Systems 2010*. 2010.

Mettler, T. "Measuring the Maturity of Supplier Relationship Management Systems." In *Proceedings of the IADIS Multi Conference on Computer Science and Information Systems 2010*. 2010.

Mettler, T. "Supply Management im Krankenhaus - Konstruktion und Evaluation eines konfigurierbaren Reifegradmodells zur zielgerichteten Gestaltung," *Sierke*, no. 3752, (2010): 336.

Mettler, T., and Rohner, P. "Supplier Relationship Management in Health Care." *Service Science and Logistics Informatics: Innovative Perspectives*, (2010): 206-229.

Mettler, T., and Rohner, P. "Hospital Supplier Relationship Management: Cooperation, Coordination, and Communication." *International Journal of Applied Logistics*, vol. 3, no. 1 (2010): 44-61.

Mettler, T. and Rohner, P. "Supplier Relationship Management in Practice: Changing Business Environment of Hospital Purchasing Departments." *EHospital*, vol. 12, no. 1 (2010): 22-26.

Meyer, S., Vogel, J., and Mehandjiev, N. "A Case Study: e-Government Service Provisioning and Adaptation by End Users." In *Proceedings of Case Studies in Service Innovation*, Manchester, England, June 14-15. 2010: 63-65.

Meyerholt, D., Marx-Gómez, J., Dada, A., Bremer, J., and Rapp, B. "Bringing sustainability to the daily business: The OEPI Project." In *Proceedings of the envip'2010 Workshop Environmental Information Systems and Services - Infrastructures and Platforms*. Bonn, Germany, October 6-8. 2010.

Miche, M., Bauer, T., Brogle, M. and Bohnert, T. M. "An In-Vehicle Quality of Service Message Broker for Vehicle-to-Business Communication." In *Proceedings of the 4th. ERCIM Workshop on eMobility*, by Brogle, M. , E. Osipov, , T. Braun, and G. Heijenck, G. Lulea, Spain, (2010): 27-38.

Miche, M., and Delchev, I. "SORPA: A Self-Organizing Data Replication Algorithm for Smart Products." In *Proceedings of DOME-IoT 2010: International Workshop on Digital Object Memories in the Internet of Things*, by M. Schneider, , A. Kroener, , P. Stephan, , T. Ploetz, F. Kawsar, and G. Kortuem, (2010): 1-6.

Momm, C., and Schulz, F. "Towards Systematic Management of Third-party Services used within Long-living Business Information Systems." In *Proceedings of the 12th. Workshop Software Reengineering (WSR) and 2nd. Workshop "Design for Future"*. 2010.

Momm, C., and Schulz, F. "Towards a Service Level Management Framework for Service Value Networks." In *Proceedings of Informatik 2010 Workshop Internet der Dienste*. 2010,.

Mtsweni, J., Biermann, E. and Pretorius, L. "iSemServ: Towards the Engineering of Intelligent Semantic-based Services." In *Proceedings of the ICWE 2010 Workshops*, by F. Daniel, and F. Facca, (2010): 550-559.

Mtsweni, J., Biermann, E., and Pretorius, L. "Toward a service creation framework: a case of intelligent semantic services." 2010.

Namoun, A., Nestler, T., and Angeli, A. D. "Conceptual and Usability Issues in the Composable Web of Software Services." In *Proceedings of the ICWE Workshops*. 2010.

Namoun, A., Nestler, T., and Angeli, A. D. "Service Composition for Non-Programmers: Prospects, Problems, and Design Recommendations." In *Proceedings of the 8th. IEEE European Conference on Web Services*. 2010.

Nestler, T., Feldmann, M., Huebsch, G., Preußner, A., and Jugel, U. "The ServFace Builder - A WYSIWYG approach for building Service-based Applications." In *Proceedings of the 10th. International Conference on Web Engineering*. 2010.

Nethra, S. A *Workflow for Offering Services in Service Marketplace*. 2010.

Ngassam, E., and Kandie, W. "Preliminary Investigations into the Business Ecosystem in Rural South Africa: An e-Business Perspective." In *Proceedings of the 1st. International Conference on Services in Emerging Markets*. Gachibowli, Hyderabad, India, , 23-24 September. 2010.

Ntshinga, W. L. *Choreography of Intelligent e-Services*. 2010.

Ntshinga, W. L. "World Wide Web (WWW) Tools Enhancing Mentorship." In *Proceedings of INTED2010*. (2010): 1704-1714.

Paulheim, H. "Efficient Semantic Event Processing: Lessons Learned in User Interface Integration." In *The Semantic Web: Research and Applications*, by L. Aroyo, G. Antoniou, E. Hyvoenen, A. ten Teije, H. Stuckenschmidt, , L. Cabral, and T. Tudorache. Part II. Heidelberg, Germany.. (2010): 60-74.

Paulheim, H. "Seamlessly integrated, but loosely coupled: building user interfaces from heterogeneous components." In *Proceedings of the IEEE/ACM international conference on Automated software engineering (ASE '10)*. New York, New York. (2010): 123-126.

Paulheim, H. and Erdogan, A. "Seamless Integration of Heterogeneous UI Components." In *Proceedings of the 2nd. ACM SIGCHI Symposium on Engineering Interactive Computing Systems (EICS 2010)*. (2010): 303-308.

Paulheim, H., and Probst, F. "Improving UI Integration with Formal Semantics." In *Proceedings of the Workshop on Semantic Models for Adaptive Interactive Systems (SEMAIS)*. By A. Dix, T. Hussein, S. Lukosch, and J. Ziegler, 2010.

Paulheim, H., and Probst, F. "Application Integration on the User Interface Level: an Ontology-Based Approach." *Data & Knowledge Engineering Journal, Special Issue on Contribution of Ontology's in Designing Advanced Information Systems*, vol. 69, no. 11 (2010): 1103-1116.

Paulheim, H., and Probst, F. "Ontology-Enhanced User Interfaces: A Survey." *International Journal on Semantic Web and Information Systems*, (2010).

Pazzaglia, J.-C., Lotz, V., Cerda, V. C., Damiani, E., Ardagna, C., Guergens, S., Maña, A., Pandolfo, C., Spanoudakis, G., Guida, F., and Menicocci, R. "Advanced Security Service cERTificate for SOA : Certified Services go Digital!" In *Securing Electronic Business Processes. Information Security Solutions Europe*. 2010.

Peitz, P., Baumann, C., Wacker, R., and Raabe, O. "Ontologiebasierte Unterstuetzung zur Modellierung datenschutzrechtskonformer Web Service." In *Informatik 2010*, by K.-P. Faehrich, and B. Franczyk. (2010): 503-508.

Peukert, E., Berthold, H., and Rahm, E. "Rewrite-Techniques for Performance Optimzation of Schema Matching Processes." In *EDBT*. (2010).

Peukert, E., Massmann, S., and Koenig, K. "Combination Methods for Schema Matching." In *Proceedings of the GI-Workshop Informationsintegration in Service-Architekturen*, 2010.

Peukert, H., Hoyer, V., Fuchsloch, A., Lincourt, D., and Kowalkiewicz, M. "Business Values of Automating Unstructured Decision Processes with Dynamic Enterprise Mashups." In *Proceedings of the 15th. International Command and Control Research and Technology Symposium (ICCRTS)*, 2010.

Peñaloza, R. and Sertkaya, B. "On the Complexity of Axiom Pinpointing in Description Logics." In *Proceedings of the 12th. International Conference on Principles of Knowledge Representation and Reasoning (KR-10)*, by F. Lin, and U. Sattler. (2010): 280-289.

Peñaloza, R., and Sertkaya, B. "Complexity of Axiom Pinpointing in the DL-Lite Family of Description Logics." In *Proceedings of the 19th. European Conference on Artificial Intelligence (ECAI 10)* by M. Wooldridge. (2010): 29-34.

Pietschmann, S., Nestler, T., and Daniel, F. "Application Composition at the Presentation Layer: Alternatives and Open Issues." In *Proceedings of the 12th. International Conference on Information Integration and Web-based Applications & Services*, 2010.

Probst, F., Paulheim, H., Brucker, A. D. and Schulte, S. "SoKNOS – Informationsdienste für das Katastrophenmanagement." In *Proceedings of VDE-Kongress 2010 – E-Mobility*. 2010.

Puschke, C. "Co-Innovation be SAP Research - von der Idee bis zur (Software-) Lösung." In *Proceedings of Business Software - Trends in Ausbildung und Praxis. Tagungsband zum 9. Berlin Brandenburger SAP Forum der FH Brandenburg*. (2010): 129-138.

Raabe, O., Wacker, R., Funk, C., Oberle, D., and Baumann, C. "Lawful Service Engineering: Formalisierung des Rechts im Internet der Dienste." In *Globale Sicherheit und proaktiver Staat – Die Rolle der Rechtsinformatik, Tagungsband des 13. Internationalen RechtsinformatikSymposiums IRIS 2010*, by E. Schweighofer, A. Geist, and I. Staufer, (2010): 643-650.

Rahmani, T., Oberle, D. and Dahms, M. "An Adjustable Transformation from OWL to Ecore." In *Proceedings of Model Driven Engineering Languages and Systems - 13th. International Conference 2010*, by D. C. Petriu, , N. Rouquette, and O. Haugen, Oslo, Norway, , October 3-8. (2010): 243-257.

Ramezani, M., and Witschel, H. F. "An Intelligent System for Semi-Automatic Evolution of Ontologies." In *Proceedings of the International Conference on Intelligent Systems IS'10*. 2010.

Ramezani, M., Witschel, H. F., Braun, S., and Zacharias, V. "Using Machine Learning to Support Continuous Ontology Development." In *Proceedings of the 17th. International Conference on Knowledge Engineering and Knowledge Management 2010*. 2010.

Ras, E., and Rech, J. "Survey on Intelligent Assistance for Workplace Learning in Software Engineering." In *Proceedings of the World Summit of the Knowledge Society*. Heidelberg, Germany,. (2010): 343-349.

Raus, M., Liu, J., and Kipp, A. "Evaluating IT Innovations in Business-to-Government Context: A Framework and its Applications." *Government Information Quarterly*, vol. 27, no. 1, (2010).

Rech, J. "The Future of Software Architecture Quality Assurance: Integrative, Comprehensive, and Collaborative." *International Journal of Software Architecture*, Vol. 1, no. 1 (2010): 29-33.

Rech, J., and Bogner, C. "Qualitative Analysis of Semantically Enabled Knowledge Management Systems in Agile Software Engineering." *International Journal of Knowledge Management*, vol. 6, no. 2 (2010): 66-85.

Rech, J., Schwach, W., Dietrich, M., and Stuhc, G. *Intelligent Assistance for Collaborative Schema Governance in the German Agricultural eBusiness Sector*. 2010.

Rett, J., Dias, J., and Ahuactzin, J.-M. "Bayesian reasoning for Laban Movement Analysis used in human-machine interaction." *International Journal of Reasoning-based Intelligent Systems*, vol. 2, no. 1 (2010): 13-35.

Riedl, C., May, N., Finzen, J., Stathel, S., Kaufman, V., and Krcmar, H. "An Idea Ontology for Innovation Management." *International Journal on Semantic Web and Information Systems*, vol. 5, no. 4 (2010): 1-18.

Riss, U. V., Grebner, O., Taylor, P., and Du, Y. "Knowledge work support by semantic task management." *Computers in Industry*, vol. 61, no. 8 (2010): 798-805.

Riss, U. V., and Schmidt, V. A. "Wissen und Handeln der Mathematiker: Philosophische Analyse und Betrachtung ihrer Relevanz fuer die Industrie." In *Mathematik verstehen: Philosophische und didaktische Perspektiven* by M. Helmerich, K. Lengnink, G. Nickel, and R. Wille. (2010): 283-296.

Rode, J. "Die Zukunft der Fertigung – eine Perspektive von SAP Research." In *Intelligente Fertigungsprozesse*, by D. A. Nestler, 2010.

Rossudowski, A., Venter, H. S., and Eloff, J. "A Security Privacy Aware Architecture and Protocol for a Single Smart Card Used for Multiple Services." *Computers and Security*, vol. 29, no. 4 (2010): 393-409.

Rota, A., Short, S., and Rahaman, M. A. "XML secure views using semantic access control." In *Proceedings of the 2010 EDBT/ICDT Workshops*. New York, New York. 2010

Rota, A., Short, S., Trabelsi, S., and Bezzi, M. "Towards an Architecture for Privacy Policy Composition." In *Proceedings of Mobility, Individualisation, Socialisation, Connectivity, MISC 2010 Conference*. London, UK, , January 20-22. 2010.

Roy, M. *Towards End-user Enabled Web Service Consumption for Mashups*. 2010.

Roy, M., Suleiman, B., and Weber, I. *Facilitating Enterprise Service Discovery for Non-Technical Business Users*. (2010).

Russo, A., Sabelfeld, A., and Li, K. "Implicit Flows in Malicious and Nonmalicious Code." In *Logics and Languages for Reliability and Security*, by J.Esparza, B.Spanfelner, and O.Grumberg, 2010.

Roesch, P., and Lehner, W. "A Sample Advisor for Approximate Query Processing." In *Proceedings of the 14th. East European Conference on Advances in Databases and Information Systems*, by B.Catania, , M. Ivanovic, and B. Thalheim, (2010): 490-504.

Saab, D. J., and Riss, U. V. "Logic and Abstraction as Capabilities of the Mind." In *Thinking Machines and the Philosophy of Computer Science: Concepts and Principles*. Information Science Reference (2010): 132-148.

Saha, B., Stanoi, I., and Clarkson, K. L. "Schema covering: a step towards enabling reuse in information integration." In *Proceedings of the 26th. International Conference on Data Engineering (ICDE)*, March 1-6. 2010

Savio, D., DeRemer, B., and Karnouskos, S. *OPC from data to connectivity*. 2010.

Savio, D., Karlik, L., and Karnouskos, S. "Predicting Energy Measurements of Service-Enabled Devices in the Future Smartgrid." In *Proceedings of the International Conference on Computer Modeling and Simulation*. (2010): 450-455.

Scheithauer, G., Voigt, K., Bicer, V., and Winkler, M. "Integrated Service Engineering Workbench: Service Engineering for Digital Ecosystems." *Journal of Service Science and Management (JSSM)*, 2010.

Schief, M., and Schmidt, B. "Crossing the Chasm Between the Real World and Business Process Management." In *ISSS/BPSC*, byW. Abramowicz, R. Alt, , K.-P. Faehrich, B.Franczyk, and L. A. Maciaszek. (2010): 280-287.

Schmeling, B., Charfi, A., and Mezini, M. "Non-functional Concerns in Web Services: Requirements and State of the Art Analysis." In *Proceedings of the 12th. International Conference on Information Integration and Web-based Applications & Services*. 2010.

Schmeling, B., Heinzl, S., and Witteborg, H. "Model-relational Mapping." *Java Magazin*, vol. 11, (2010): 64-70.

Schmidt, B. and Schief, M. "Towards Agile Business Processes Based on the Internet of Things." In *Advanced Manufacturing and Sustainable Logistics*. (2010): 257-262.

Schmidt, B., Stoitsev, T., and Muehlhaeuser, M. *Task Models for Intention-Aware Systems*. (2010).

Schmidt, B., Stoitsev, T., and Muehlhaeuser, M. "Activity-Centric Support for Weakly-Structured Business Processes." In *Proceedings of the 2nd. ACM SIGCHI symposium on Engineering interactive computing systems*. New York, New York. 2010.

Schmidt, B., Stoitsev, T., and Muehlhaeuser, M. "Towards Intention-Aware Systems." In *Proceedings of I-KNOW*. 2010.

Schnabel, F., Gorrnogoitia, Y., Radzimski, M., Lecue, F., Mehandjiev, N., Ripa, G., Abels, S., Blood, S., Mos, A., Junghans, M., Argawal, S., and Vogel, J. "Empowering Business Users to Model and Execute Business Processes." In *Prodceedings of the 3rd. Workshop on Business Process Management and Social Software*. 2010.

Schramm, A., and Majumdar, A. "An ESB-based Integration Approach for Processes in the Manufacturing Industry." In *Proceedings from the IMS2020 Summer School on Sustainable Manufacturing. Towards Sustainable Manufacturing.*, by A. Vigtil. 2010.

Schramm, A., Preußner, A., Heinrich, M., and Vogel, L. "Rapid UI Development for Enterprise Applications: Combining Manual and Model-Driven Techniques." In *Proceedings of the 13th. ACM/IEEE International Conference on Model Driven Engineering Languages and Systems*. 2010.

Schrank, M., Braun, B., Johns, M. and Posegga, J. "Session Fixation - the Forgotten Vulnerability?." In *Proceedings of 5th. Conference on "Sicherheit, Schutz und Zuverlaessigkeit"*. Bonn, Germany, 2010.

Schreiber, D., Aitenbichler, E., Goeb, A., and Muehlhaeuser, M. "Reducing User Perceived Latency in Mobile Processes." In *Proceedings Int. Conference on Web Services 2010*. (2010): 235-242.

Schulz, F. "Towards Measuring the Degree of Fulfillment of Service Level Agreements." In *Proceedings of the 3rd. International Conference on Information and Computing Science (ICIC)*. Wuxi, China, 2010.

Schulz, F. "Quality-aware Service Composition via Multi Dimensional Shortest Paths." In *Proceedings of Operations Research 2010*. Munich, Germany, September 1-3. 2010.

Schulz, F., and Momm, C. "Towards a Service Level Management Framework for Service Value Networks." In *Proceedings of Informatik 2010, Workshop Internet der Dienste*. 2010.

Schuster, D., Wauer, M., Meinecke, J., and Schill, A. "Text- und Data Mining für die Qualitätsanalyse in der Automobilindustrie (QAA)." In *Proceedings of IADIS International Conference WWW/Internet*. Timisoara, Romania, , October 14-17, 2010.

Schwarz, H., Ebert, J., Lemcke, J., Rahmani, T., and Zivkovic, S. "Using Expressive Traceability Relationships for Ensuring Consistent Process Model Refinement." In *Proceedings of the 15th. IEEE International Conference on Engineering of Complex Computer Systems (ICECCS)*. (2010): 183-192.

Seguran, M., Hebert, C., and Frankova, G. "Une approche pour la gestion de flux sécurisés." In *Genie Logiciel (sécurité, qualité des systèmes d'information)*, vol. 94 (2010): 18-21,44.

Seguran, M., Hébert, C. and Frankova, G. "An Approach for Secure Workflow." In *Proceedings of Sécurité des Systèmes d'Information et les Environnements Collaboratifs - INFORSID 2010 (SEC-SY 2010)*. 2010.

Seidler, K., Peukert, E., Hackenbroich, G. and Lehner, W. "Approximate Query Answering and Result Refinement on XML." In *Proceedings of the International Conference on Scientific and Statistical Database Management*. Heidelberg, Germany, June 30 – July 2, 2010.

Sertkaya, B. "A Survey on how Description Logic Ontologies Benefit from Formal Concept Analysis." In Kryszkiewicz, M. and Obiedkov, S. In *Proceedings of the 7th. International Conference on Concept Lattices and CEUR Workshop*. (2010): 2-21.

Sithole, E., McClean, S., Scotney, B., Parr, G., Moore, A., Bustard, D., Dawson, S., and Casale, G. "Simulation Model Driven Performance Evaluation for Enterprise Applications." In *Proceedings of 3rd. International ICST Conference on Simulation Tools and Techniques (SIMUTools2010)*. 2010.

Stefanescu, A., Wendland, M.-F., and Wiczorek, S. "Using the UML testing profile for enterprise service choreographies." In *Proceedings of 36th. EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA'10)*. 2010.

Stollberg, M., Elvesæter, B., Shafran, V., and Magarshak, R. "A Customizable Methodology for the Model-driven Engineering of Service-based System Landscapes." In *Proceedings of the 4th. edition of the Workshop on Modeling, Design, and Analysis for the Service Cloud (MDA4ServiceCloud'10), co-located with the 6th European Conference on Modelling Foundations and Applications2010*. Paris, France, June 15, 2010.

Stollberg, M., and Fensel, D. "Semantics for Service-Oriented Architectures." In *Agent-Based Service-Oriented Computing*. (2010): 113-140.

Stollberg, M., and Muth, M. "Efficient Business Service Consumption by Customization with Variability Modelling." In *Journal of Systems Integration*, vol. 1, Nr. 3 (2010): 17-32.

Svard, P., and Hudzia, B. "Evaluation of delta compression techniques for efficient Live Migration of virtual Machine." In *Proceedings of the 2011 ACM SIGPLAN/SIGOPS International Conference on Virtual Execution Environments (VEE 2011)*. 2010.

Thollot, R., Brauer, F., Barczynski, W. M. and Aupaure, M.-A. "Text-To-Query: dynamically building structured analytics to illustrate textual content." In *Proceedings of EDBT/ICDT Workshops*. (2010).

Thomas, I., Weidlich, A. and Johns, M. "IT-Gestuetzte Geschaeftsprozesse in zukuenftigen E-Mobility Szenarien." In *Proceedings of the VDE Kongress 2010 - E-Mobility*. Germany, 2010.

Trabelsi, S., Njeh, A., Bussard, L., and Neven, G. "The PPL Engine: A Symmetric Architecture for Privacy Policy Handling." In *Proceedings of the W3C Workshop on Privacy and data usage control*. Cambridge, Massachusetts . October 04-05. 2010.

Trabelsi, S., Weil, E., Sorniotti, A., Short, S. and Bezzi, M. "Privacy-Aware Policy Matching." In *Proceedings of the IEEE symposium on Computers and Communications 2010*. Riccione, Italy, June, 2010.

Tsiatsis, V., Gluhak, A., Bauge, T., Montagut, F., Bernat, J., Bauer, M., Villalonga, C., Barnaghi, P., and Krco, S. "The SENSEI Real World Internet Architecture." In *Towards the Future Internet - Emerging Trends from European Research*, by G. Tselentis, A. Galis, A. Gavras, S. Krco, , V. Lotz, E. Simperl, B. Stiller, and T. Zahariadis. (2010): 247-256.

Tso-Sutter, K., and Karg, L. "Generic Compliance Check Tool in Examining the Conformity of Company-Specific Standards to Public Standards." In *Proceedings 2010 IEEE International Conference on Industrial Engineering and Engineering Management*. 2010.

Tulusan, J., Brogle, M., Staake, T., and Fleisch, E. "Becoming a Sustainable Driver: The Impact of Mobile Feedback Devices." In *Proceedings of the 4th. ERCIM Workshop on eMobility (in conjunction with WWIC 2010)*, M. Brogle, , E. Osipov, , T. Braun, and G. Heijenk, (2010): 97-102.

Vaquero, L. M., Rodero-Merino, L., Cáceres, J., Lindner, M., Chapman, C., and Galán, F. *Advanced Design Approaches to Emerging Software Systems: Principles, Methodology and Tools*. 2010.

Venter, E., and Chan, M. "Mobile technology utilization to cure primary healthcare ills." In *Proceedings of the CIRN Community Informatics Conference 2010*. Prato, Italy, October 27-29. 2010.

Villalonga, C., Bauer, M., Huang, V., Bernat, J., and Barnaghi, P. "Modeling of Sensor Data and Context for the Real World Internet." In *Proceedings of the PerCom'10 Workshops*. 2010.

Villalonga, C., Bauer, M., Lopez, F., Huang, V., and Strohbach, M. "A Resource Model for the Real World Internet." In *Proceedings of the 5th. European Conference on Smart Sensing and Context (EuroSCC 2010)*, by P. Lukowicz, 2010.

Voelz, D., and Goeb, A. "What is Different in Quality Modeling for SOA?." In *Proceedings 14th. IEEE International EDOC Conference 2010*.

Vogel, J., and Patrick, U. "Towards Lightweight Semantic Metadata Annotation and Management for Enterprise Services." In *Proceedings of the 10th. International Conference on Knowledge Management and Knowledge Technologies 201*. Graz, Austria, 2010

Vogel, L., and Fetzer, K. "CSS Styling in Helios - Den Sonnengott Verschoenern." *Eclipse Magazin*, vol. 2010, Nr. 5 (2010): 48-50.

Vogel, L., and Heinrich, M. "Injiziert - Services und Dependency Injection in der Eclipse 4.0 Application Platform." In *heise Developer*. 2010.

Vogt, H., and Weiss, H. "A Client Architecture for Market-Based Grid Integration of Smart Environments." In *Proceedings of the 1st. IEEE PerCom Workshop on Smart Environments*. 2010.

Vogt, H., Weiss, H., Spiess, P., and Karduck, A. "Market-based prosumer participation in the smart grid." In *Proceedings of the 4th. IEEE International Conference on Digital Ecosystems and Technologies (DEST)*. April 13-16 2010.

Voigt, K. "Semi-automatic Matching of Heterogeneous Model-based Specifications." In *Proceedings of the Software Engineering 2010 (Doc. Symp.)*. 2010.

Voigt, K., and Heinze, T. "Meta-model Matching based on Planar Graph Edit Distance." In *Proceedings of the International Conference on Model Transformation*, by L. Tratt. 2010.

Voigt, K., Ivanov, P. and Rummler, A. "MatchBox: Combined Meta-model Matching for semi-automatic Mapping Generation." In *Proceedings of the 25th. Symposium On Applied Computing*. 2010.

Wagner, S., Lochmann, K., Winter, S., Goeb, A., Klaes, M., and Nunnenmacher, S. "Software Quality Models in Practice: Survey Results." 2010.

Wahler, M., Basin, D., Brucker, A. D., and Koehler, J. "Efficient Analysis of Pattern-Based Constraint Specifications." In *Software and Systems Modeling*, 2010.

Walther, S., Markovic, I., Schuller, A. and Weidlich, A. "Classification of Business Models in the E-Mobility Domain." In *Proceedings of the Smart Grids & E-Mobility Conference*. Brussels, Belgium, 2010.

Watson, B. W., Ngassam, E. K., and Kourie, D. G. "A framework for Benchmarking FA- based String Recognizers." In *Proceedings of the 2010 Annual Research Conference of the South African Institute of Computer Scientists and Information Technologists (SAICSIT '10)*. New York, New York, 2010.

Wauer, M., Schuster, D., and Meinecke, J. "Aletheia - An Architecture for Semantic Federation of Product Information from Structured and Unstructured Sources." In *Proceedings of 12th. International Conference on Information Integration and Web-based Applications & Services (iiWAS 2010)*. 2010.

Weidlich, A. "Geschaeftsmodelle Elektromobilitaet." In *Proceedings of the Kasseler Symposium*. Kassel, Germany, 2010.

Westermann, D., and Momm, C. "Using Software Performance Curves for Dependable and Cost-Efficient Service Hosting." In *Proceedings of 2nd. International Workshop on the Quality of Service-Oriented Software Systems (QUASSOSS)*. 2010.

Westermann, D., and Happe, J. "Towards Performance Prediction of Large Enterprise Applications Based on Systematic Measurements." In *Proceedings of the 15th. International Workshop on Component-Oriented Programming (WCOP) 2010*, by B. Buehnová, R. H. Reussner, C. Szyperski, and W. Weck, Karlsruhe, Germany,. June (2010): 71-78.

Westermann, D., Happe, J., Hauck, M., and Heupel, C. "The Performance Cockpit Approach: A Framework for Systematic Performance Evaluations." In *Proceedings of the 36th. EUROMICRO Conference on Software Engineering and Advanced Applications (SEAA 2010)*. 2010

Wibmer, M., Biswas, D., and Kerschbaum, F. "Leakage Quantification of Cryptographic Operations." In *Proceedings of the 5th. International Symposium on Information Security*. 2010.

Wieczorek, S., and Stefanescu, A. "Model-based testing in the enterprise software domain - past and future initiatives." In *Proceedings of the Dagstuhl-Seminar 10421 "Model-Based Testing in Practice"*. 2010.

Wieczorek, S., and Stefanescu, A. "Improving Testing of Enterprise Systems by Model-based Testing on Graphical User Interfaces." In *Proceedings of 7th. Workshop on Systems Testing and Validation*. 2010

Wieczorek, S., Stefanescu, A., and Roth, A. "Model-driven Service Integration Testing - A Case Study." In *Proceedings of the 7th. International Conference on the Quality of Information and Communications Technology*. 2010.

Winkler, M., Springer, T., and Schill, A. "Automating Composite SLA Management Tasks by Exploiting Service Dependency Information." In *Proceedings of the ECOWS'10 - The 8th. IEEE European Conference on Web Services*. 2010.

Winkler, U., Gilani, W., Fritzsche, M., and Marshall, A. "A Model-Driven Framework for Process-centric Business Continuity Management." In *Proceedings of the 7th. International Conference on the Quality of Information and Communications Technology*. Porto, Portugal, 2010.

Witschel, H. F., Hu, B., Riss, U., Thoenssen, B., Brun, R., Martin, A., and Hinkelmann, K. "A Collaborative Approach to Maturing Process-Related Knowledge." In *Business Process Management*, by R. Hull, J. Mendling, and S. Tai. (2010): 343-358.

Witschel, H. F., Leidig, T., Kaufman, V., Ostertag, M., Brecht, U., and Grebner, O. "Optimisation of Knowledge Work in the Public Sector by Means of Digital Metaphors." In *Proceedings of I-KNOW 2010*. (2010).

Wolf, B., and Behrens, I. "On-the-fly Adaptation of Data Stream Queries." In *Proceedings of the 13th. IEEE International Symposium on Object/Component/Service-Oriented Real-Time Distributed Computing (ISORC 2010)*. 2010.

Wolf, B., Herzig, P., Behrens, I., Majumdar, A., and Ameling, M. "Data Stream Processing in Factory Automation." In *Proceedings of the 15th. IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2010)*. 2010.

Wuensch, D., Lueder, A., and Heinze, M. "Flexibility and Re-configurability in Manufacturing by Means of Distributed Automation Systems - an Overview." In *Distributed Manufacturing*. 2010.

Zielinski, M., and Olivier, M. "On the use of Economic Price Theory to find the optimum levels of privacy and information utility in non-perturbative microdata anonymisation." In *Data & Knowledge Engineering*, vol. 69, Nr. 5 (2010): 399-423.