

Publikationsbericht 2007

**Institut für Technische und Betriebliche
Informationssysteme**



Otto-von-Guericke-Universität Magdeburg

Fakultät für Informatik

Institut für Technische und Betriebliche Informationssysteme

Universitätsplatz 2, 39106 Magdeburg
Tel. +49 (0)391 67 18665 Fax +49 (0)391 67 12020

1. Leitung

Prof. Dr. rer. nat. Gunter Saake (geschäftsführende Leitung)

Prof. Dr. rer. pol. Claus Rautenstrauch

Prof. Dr.-Ing. Jana Dittmann

Dr.-Ing. Eike Schallehn

Dipl.-Kfm. Henner Graubitz

Dipl.-Ing. Fred Kreuzmann

2. Hochschullehrer

Prof. Dr. rer. pol. Hans-Knud Arndt

Prof. Dr.-Ing. Jana Dittmann

Prof. Dr. Andreas Nürnberger (ab 01.10.2007)

Prof. Dr.-Ing. Georg Paul

Prof. Dr. rer. pol. Claus Rautenstrauch

Prof. Dr. rer. nat. Gunter Saake

Prof. Dr.-Ing. Thomas Schulze

Prof. Dr. rer. nat. Myra Spiliopoulou

3. Veröffentlichungen

Originalartikel in begutachteten internationalen Zeitschriften

Apel, Sven; Kästner, Christian; Kuhlemann, Martin; Leich, Thomas

Pointcuts, advice, refinements, and collaborations - similarities, differences, and synergies

In: Innovations in systems and software engineering. - London: Springer; [Abstract unter URL](#), 2007

Apel, Sven; Kästner, Christian; Leich, Thomas; Saake, Gunter

Aspect refinement - unifying AOP and stepwise refinement

In: Journal of object technology. - Zürich, Bd. 6.2007, 9, S. 13-33; [Abstract unter URL](#)

Bodenhofer, Ulrich; Hüllermeier, Eyke; Klawonn, Frank; Kruse, Rudolf

Special issue on soft computing for information mining, [Editorial]

In: Soft computing. - Berlin: Springer, Bd. 11.2007, 5, S. 397-399; [Link unter URL](#)

[Focus: Special issue on soft computing for information mining]

[Imp.fact.: 0.538]

Brunzel, Marko; Spiliopoulou, Myra

Acquiring semantic sibling associations from web documents

In: International journal of data warehousing and mining. - Hershey, Pa. : Idea Group Publishing, Bd. 3.2007, 4, S. 83-

Garcia-Salicetti, Sonja; Fierrez-Aguilar, Julian; Alonso-Fernandez, Fernando; Vielhauer, Claus; Guest, Richard; Allano, Lorene; Trung, Tung Doan; Scheidat, Tobias; Van, Bao Ly; Dittmann, Jana; Dorizzi, Bernadette; Ortega-Garcia, Javier; Gonzalez-Rodriguez, Joaquin; Castiglione, Martino Bacile Di; Fairhurst, Michael

Biosecure reference systems for on-line signature verification - a study of complementarity

In: Annales des télécommunications. - Paris: Lavoisier, Bd. 62.2007, 1/2, S. 36-61; [Link unter URL](#)

[Imp.fact.: 0.194]

Klose, Aljoscha; Nürnberger, Andreas

On the properties of prototype-based fuzzy classifiers

In: Institute of Electrical and Electronics Engineers: IEEE transactions on systems, man, and cybernetics. - New York, NY: IEEE, Bd. 37.2007, 4, S. 817-835; [Link unter URL](#)

[Imp.fact.: 1.538]

Motus, Daniel; Sommer, Björn; Schulz, Lilli; Paul, Georg

Model based requirements engineering for computer aided engineering systems in the automotive sector

In: Computer engineering. - Sofia, Bd. 1.2007, 1, S. 55-58

Schimke, Sascha; Vielhauer, Claus

Similarity searching for on-line handwritten documents

In: Journal on multimodal user interfaces. - Louvain-la-Neuve, Bd. 1.2007, 2, S. 49

Originalartikel in begutachteten nationalen Zeitschriften

Falkowski, Tanja; Spiliopoulou, Myra

Data mining for community dynamics

In: Künstliche Intelligenz. - Bremen: Böttcher IT-Verl., 3, S. 23-29; [Link unter URL](#)

Grabski, Bastian; Günther, Sebastian; Herden, Sebastian; Krüger, Lars; Rautenstrauch, Claus; Zwanziger, André

Very large business applications

In: Informatik-Spektrum. - Berlin: Springer, Bd. 30.2007, 4, S. 259-263; [Link unter URL](#)

Rosenmüller, Marko; Leich, Thomas; Apel, Sven; Saake, Gunter

Von Mini- über Micro- bis zu Nano-DBMS - Datenhaltung in eingebetteten Systemen

In: Datenbank-Spektrum. - Heidelberg: dpunkt.verl., 20, S. 33-47; [Link unter URL](#), 2007

Originalartikel in begutachteten zeitschriftenartigen Reihen

Aoumeur, Nasreddine; Barkaoui, Kamel; Saake, Gunter

Incremental specification validation and runtime adaptivity of distributed component information systems

In: European Conference on Software Maintenance and Reengineering <2007, Amsterdam, The Netherlands>:

CSMR 2007. - Los Alamitos, Calif: IEEE Computer Society, S. 123-136; [Link unter URL](#)

[CSMR 2007; 11 (Amsterdam, The Netherlands): 2007.03.21-23]

Arndt, Hans-Knud; Graubitz, Henner; Klesinski, René

Using topic maps for sustainability reporting

In: Information technologies in environmental engineering. - Berlin [u.a.]: Springer, S. 47-59; Environmental

Engineering, 2007

Bade, Korinna; Hermkes, Marcel; Nürnberger, Andreas

User oriented hierarchical information organization and retrieval

In: Machine learning: ECML 2007. - Berlin [u.a.]: Springer, S. 518-526; Lecture notes in computer science; 4701

[ECML; 18 (Warsaw): 2007.09.17-21]

Breitenfeld, Stefan

Barrierefreiheit und Webstandards - kugelsicheres Webdesign der Zukunft

In: Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Aachen: Shaker, S. 109-132; Magdeburger Schriften zur Wirtschaftsinformatik, 2007

Brunzel, Marko; Spiliopoulou, Myra

Domain relevance on term weighting

In: Natural language processing and information systems. - Berlin [u.a.]: Springer, S. 427-432; Lecture notes in computer science; 4592, 2007

[NLDB 2007; 12 (Paris): 2007.06.27-29]

Cazzola, Walter; Chiba, Shigeru; Coady, Yvonne; Saake, Gunter

AOSD and reflection - benefits and drawbacks to software evolution

In: Object-oriented technology. - Berlin [u.a.]: Springer, S. 40-52; Lecture notes in computer science; 4379, 2007

Cazzola, Walter; Chiba, Shigeru; Saake, Gunter

Guest editors' introduction - aspects and software evolution

In: . - Berlin [u.a.]: Springer, S. 114-116; Transactions on aspect-oriented software development; 4.2007;

[Link unter URL](#)

Coyette, Adrien; Schimke, Sascha; Vanderdonckt, Jean; Vielhauer, Claus

Trainable sketch recognizer for graphical user interface design

In: Human-computer interaction - INTERACT 2007; Pt. 1.: - Berlin [u.a.]: Springer, S. 124-135; Lecture notes in computer science; 4662; [Link unter URL](#)

Kongress: INTERACT; 11 (Rio de Janeiro): 2007.09.10-14

IFIP TC 13 International Conference on Human-Computer Interaction; 11 (Rio de Janeiro): 2007.09.10-14

Dreschel, Dirk

Zur Prognose von Chartplatzierungen im deutschen Musikbereich

In: Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Aachen: Shaker, S. 147-158; Magdeburger Schriften zur Wirtschaftsinformatik, 2007

Falkowski, Tanja; Spiliopoulou, Myra

Users in volatile communities - studying active participation and community evolution

In: User modeling 2007. - Berlin [u.a.]: Springer, S. 57-66; Lecture notes in computer science; 4511

[UM 2007; 11 (Kanóni, Corfu): 2007.06.25-29]

Henschel, Christian; Nürnberger, Andreas; Schmitt, Ingo; Stober, Sebastian

SAFIRE - towards standardized semantic rich image annotation

In: Adaptive multimedia retrieval: user, context, and feedback. - Berlin [u.a.]: Springer, S. 12-27; Lecture notes in computer science; 4398, 2007

[AMR 2006; 4 (Geneva); 2006.07.27-28]

Hoppe, Tobias; Kiltz, Stefan; Lang, Andreas; Dittmann, Jana

Exemplary automotive attack scenarios - Trojanische Pferde für das digitale Gaspedal (ETC) und Replay-Angriffe auf elektrische Fensterheber

In: Automotive Security. - Düsseldorf: VDI-Verl., S. 165-183; VDI-Berichte; 2016, 2007

[VDI/VW-Gemeinschaftstagung; 23 (Wolfsburg): 2007.11.27-28]

Kassem, Gamal

Self Adaptive Customizing - ein Konzept zum automatischen customizing eines ERP-Systems

In: Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Aachen: Shaker, S. 63-74;

Magdeburger Schriften zur Wirtschaftsinformatik, 2007

Kästner, Christian; Apel, Sven; Batory, Don

A case study implementing features using aspectJ

In: SPLC 2007. - Los Alamitos, Calif [u.a.]: IEEE Computer Society, S. 223-232

[Software Product Lines Conference; 11 (Kyoto): 2007.09.10-14]

Kästner, Christian; Kuhlemann, Martin; Batory, Don

Automating feature-oriented refactoring of legacy applications

In: 1st Workshop on Refactoring Tools (WRT'07). - Berlin: TU, Professoren der Fak. IV, S. 63-64; Forschungsberichte der Fakultät IV - Elektrotechnik und Informatik / Technische Universität Berlin; Bericht-Nr. 2007,08

[Workshop on Refactoring Tools (WRT'07): 1 (Berlin); 2007.07.31]

Kraetzer, Christian; Dittmann, Jana

Pros and cons of mel-cepstrum based audio steganalysis using SVM classification

In: Information hiding. - Berlin [u.a.]: Springer, S. 359-377; Lecture notes in computer science; 4567, 2007

[IH; 9 (Saint Malo): 2007.06.11-13]

Krätzer, Christian; Dittmann, Jana

Mel-cepstrum based steganalysis for VoIP-steganography

In: Security, steganography, and watermarking of multimedia contents IX. - Bellingham, Wash. : SPIE, S. 650505-1-650505-12; SPIE; 6505, 2007

Kongress: Security, Steganography, and Watermarking of Multimedia Contents Conference; 9 (San Jose, Calif.): 2007.01.29-02.01

Electronic imaging, science and technology; (San Jose, Calif.): 2007.01.29-02.01

Lang, Andreas; Dittmann, Jana

Digital watermarking of biometric speech references - impact to the EER system performance

In: Security, steganography, and watermarking of multimedia contents IX. - Bellingham, Wash. : SPIE, S. 650513-1-650513-12; SPIE; 6505, 2007

Kongress: Security, Steganography, and Watermarking of Multimedia Contents Conference; 9 (San Jose, Calif.): 2007.01.29-02.01

Electronic imaging, science and technology; (San Jose, Calif.): 2007.01.29-02.01

Lang, Andreas; Dittmann, Jana; Kiltz, Stefan; Hoppe, Tobias

Future perspectives - the car and its IP-address; a potenzial safety and security risk assessment

In: Computer safety, reliability, and security. - Berlin [u.a.]: Springer, S. 40-53; Lecture notes in computer science; 4680, 2007

[SAFECOMP; 26 (Nuremberg): 2007.09.18-21]

Lopez-Herrejon, Roberto E. ; Apel, Sven

Measuring and characterizing crosscutting in aspect-based programs - basic metrics and case studies

In: Fundamental approaches to software engineering. - Berlin [u.a.]: Springer, S. 423-437; Lecture notes in computer science; 4422, 2007

[FASE 2007; 10 (Braga): 2007.03.24-04.01]

Lühring, Martin; Sattler, Kai-Uwe; Schallehn, Eike; Schmidt, Karsten

Autonomes Index Tuning - DBMS-integrierte Verwaltung von Soft Indexen

In: Datenbanksysteme in Business, Technologie und Web (BTW). - Bonn: Ges. für Informatik, S. 152-171; GI-Edition, 2007

[Fachtagung des GI-Fachbereichs "Datenbanken und Informationssysteme" (DBIS); 12 (Aachen): 2007.03.07-09]

Oermann, Andrea; Vielhauer, Claus; Dittmann, Jana

Digitale Handschrift - Extraction gerätespezifischer Merkmale

In: D-A-CH Security 2007. - Klagenfurt: syssec, S. 426-437; IT security & IT management

[Arbeitskonferenz D-A-CH Security; (Klagenfurt): 2007.06.12-13]

Oermann, Andrea; Vielhauer, Claus; Dittmann, Jana

Sensometrics - identifying pen digitizers by statistical multimedia signal processing

In: Multimedia on mobile devices 2007. - Bellingham, Wash. : SPIE, insges. 12 S.; SPIE; 6507

[Electronic imaging, science and technology; (San Jose, Calif.): 2007.01.29-30]

Patig, Susanne

Modellierung statt Programmierung? - Model-Driven Architecture für betriebliche Anwendungssysteme

In: Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Aachen: Shaker, S. 13-32;

Magdeburger Schriften zur Wirtschaftsinformatik, 2007

Rajub, Jubran; Tietz, Sebastian

eClass-Releasewechselprozess der Volkswagen AG

In: Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Aachen: Shaker, S. 135-146;

Magdeburger Schriften zur Wirtschaftsinformatik, 2007

Rautenstrauch, Claus

Architekten, Landschaftspfleger und Kulturingenieure - neue Aufgabenfelder für Wirtschaftsinformatiker

In: Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Aachen: Shaker, S. 1-10;

Magdeburger Schriften zur Wirtschaftsinformatik, 2007

Rautenstrauch, Claus

Integration of MRP II and material flow management systems

In: Information technologies in environmental engineering. - Berlin [u.a.]: Springer, S. 261-269; Environmental

Engineering, 2007

Rautenstrauch, Claus

Service-orientierte Architekturen für Betriebliche Umweltinformationssysteme

In: Ressourcenmanagement. - Berlin: Schmidt, S. 143-156; Technological economics; 62, 2007

Ruiz, Carlos; Menasalvas, Ernestina; Spillopoulou, Myra

Constraint-based query clustering

In: Advances in intelligent web mastering. - Berlin [u.a.]: Springer, S. 304-309; Advances in soft computing; 43, 2007

[Atlantic Web Intelligence Conference, AWIC; (Fontainebleau): 2007.06.25-27]

Ruiz, Carlos; Spiliopoulou, Myra; Menasalvas, Ernestina

C-DBSCAN - density-based clustering with constraints

In: Rough sets, fuzzy sets, data mining and granular computing. - Berlin [u.a.]: Springer, S. 216-223; Lecture notes in computer science; 4482, 2007

[RSFDGrC 2007; 11 (Toronto): 2007.05.14-16]

Scheidat, Tobias; Vielhauer, Claus

Analyzing a multimodal biometric system using real and virtual users

In: Security, steganography, and watermarking of multimedia contents IX. - Bellingham, Wash. : SPIE, S. 650512-1-650512-11; SPIE; 6505, 2007

Kongress: Security, Steganography, and Watermarking of Multimedia Contents Conference; 9 (San Jose, Calif.): 2007.01.29-02.01

Electronic imaging, science and technology; (San Jose, Calif.): 2007.01.29-02.01

Scheidat, Tobias; Vielhauer, Claus; Dittmann, Jana

Single-semantic multi-instance fusion of handwriting based biometric authentication systems

In: 2007 IEEE International Conference on Image Processing. - Piscataway, NJ: IEEE Operations Center, S. 393-396

[International Conference on Image Processing; (San Antonio): 2007.09.16-19]

Scheidat, Tobias; Vielhauer, Claus; Oermann, Andrea

Kombination von Sensoren zur biometrischen Handschriftenerkennung

In: D-A-CH Security 2007. - Klagenfurt: syssec, S. 438-449; IT security & IT management

[Arbeitskonferenz D-A-CH Security; (Klagenfurt): 2007.06.12-13]

Schilz, Stiefen T. ; Schlitter, Nico; Kähne, Florian; Genc, Egemen

RFID rollout - what can we learn from EDI?

In: Key factors for successful logistics. - Berlin: Erich Schmidt, S. 153-168; Operations and technology management; 5, 2007

Schlitter, Nico; Kähne, Florian; Schilz, Stiefen T. ; Mattke, Holger

Potentials and problems of RFID-based cooperations in supply chains

In: Innovative logistics management. - Berlin: Schmidt, S. 147-164; Operations and Technology Management; 4, 2007

Schmitt, Ingo; Nürnberger, Andreas

Image database search using fuzzy and quantum logic

In: 2007 IEEE International Conference on Fuzzy Systems. - Piscataway, NJ: IEEE Operations Center, insges. 6 S.;

[Link unter URL](#)

[IEEE International Conference on Fuzzy Systems; (London): 2007.07.23-26]

Schult, Rene

Comparing clustering algorithms and their influence on the evolution of labeled clusters

In: Database and expert systems applications. - Berlin [u.a.]: Springer, S. 650-659; Lecture notes in computer science; 4653, 2007

[DEXA; 18 (Regensburg): 2007.09.03-07]

Spiliopoulou, Myra; Ntoutsis, Irene; Theodoridis, Yannis; Schult, Rene

Monitoring cluster transitions with MONIC

In: Business intelligence. - Hamburg: Kovac, S. 141-152; Studien zur Wirtschaftsinformatik; 23, 2007

Vielhauer, Claus; Dittmann, Jana

Nested object watermarking - comparison of block-luminance and blue channel LSB wet paper code image watermarking

In: Security, steganography, and watermarking of multimedia contents IX. - Bellingham, Wash. : SPIE; SPIE; 6505, 2007

Kongress: Security, Steganography, and Watermarking of Multimedia Contents Conference; 9 (San Jose, Calif.): 2007.01.29-02.01

Electronic imaging, science and technology; (San Jose, Calif.): 2007.01.29-02.01

Zenker, Niko; Kunz, Martin; Rautenstrauch, Claus

Service oriented architecture - resource based evaluation of a SOA

In: BSOA 2007. - Aachen: Shaker, S. 23-31

[Workshop Bewertungsaspekte serviceorientierter Architekturen; 2 (Karlsruhe): 2007.11.13]

Wissenschaftliche Monografien

Beel, Jöran

Project team rewards - rewarding and motivating your project team. - Scotts Valley: CreateSpace LLC; ca. 99 S, 2007

Kassem, Gamal

Application usage mining - Grundlagen und Verfahren. - Magdeburger Schriften zur Wirtschaftsinformatik

Zugl.: Magdeburg, Univ., Diss., 2006; Aachen: Shaker; XII, 159 S: graph. Darst; 21 cm, 257 gr., 2007

Herausgeberschaften

Barni, Mauro; Dittmann, Jana; Kraetzer, Christian

Proceedings of the 2nd WAVILA challenge (2nd WaCha) - Geneva, Switzerland, September 28th, 2006; [WaCha proceedings series, vol. 2]. - Magdeburg: Otto-von-Guericke-Universität; 45 S., 2007

Kongress: WAVILA challenge; 2 (Geneva): 2006.09.28

WaCha; 2 (Geneva): 2006.09.28

[WAVILA = Watermarking Virtual Laboratory]

Cazzola, Walter; Chiba, Shigeru; Coady, Yvonne; Ducasse, Stéphane; Kniesel, Günter; Oriol, Manuel; Saake, Gunter

RAM-SE'07 - ECOOP'07 Workshop on Reflection, AOP, and Meta-Data for Software Evolution - (proceedings); Berlin, 31st of July 2007. - Preprint / Otto-von-Guericke-Universität Magdeburg, Fakultät für Informatik; 2007,6; Magdeburg: Univ.; VI, 91 S.: graph. Darst.; 30 cm

Kongress: Workshop on Reflection, AOP, and Meta-Data for Software Evolution; (Berlin): 2007.07.31

RAM-SE'07; (Berlin): 2007.07.31

ECOOP'07; (Berlin): 2007.07.31

[Literaturangaben]

Jarke, Matthias; Apel, Sven; Rosenmüller, Marko; Saake, Gunter

Datenbanksysteme in Business, Technologie und Web (BTW 2007) - Workshop Proceedings, 05.-06.03.2007, RWTH Aachen. - Aachen: Verl.-Haus Mainz; ca. 366 S., 2007

Kongress: Workshop Datenbanksysteme in Business, Technologie und Web; (Aachen): 2007.03.05-06

BTW 2007; (Aachen): 2007.03.05-06

Marchand-Maillet, Stéphane; Bruno, Eric; Nürnberger, Andreas

Adaptive multimedia retrieval: user, context, and feedback - 4th international workshop, AMR 2006, Geneva, Switzerland, July, 27 - 28, 2006; revised selected papers. - Lecture notes in computer science; 4398; [Link unter URL](#); Berlin [u.a.]: Springer; XI, 268 S.: Ill., graph. Darst., 2007

Kongress: AMR 2006; 4 (Geneva); 2006.07.27-28

International Workshop on Adaptive Multimedia Retrieval; 4 (Geneva); 2006.07.27-28

[Literaturangaben]

Marx Gómez, Jorge Carlos; Sonnenschein, Michael

Information technologies in environmental engineering - ITEE 2007 - Third International ICSC Symposium.

- Environmental science and engineering; Berlin [u.a.]: Springer; XVIII, 598 S.: Ill., graph. Darst., Kt.; 24 cm, 2007

Kongress: ITEE 2007; 3 (Oldenburg): 2007.03.29-30

International ICSC Symposium on Information Technologies in Environmental Engineering; 3 (Oldenburg):

2007.03.29-30

Nasraoui, Olfa; Spiliopoulou, Myra; Srivastava, Jaideep; Mobasher, Bamshad; Masand, Brij

Advances in web mining and web usage analysis - 8th International Workshop on Knowledge Discovery on the Web, WebKDD 2006, Philadelphia, PA, USA, August 20, 2006; revised papers. - Lecture notes in computer science; 4811; Berlin [u.a.]: Springer; XII, 246 S.: Ill., graph. Darst., 2007

Kongress: WebKDD; 8 (Philadelphia, Pa.): 2006.08.20

International Workshop on Knowledge Discovery on the Web; 8 (Philadelphia, Pa.): 2006.08.20

[Literaturangaben]

Rautenstrauch, Claus

Die Zukunft der Anwendungssoftware - die Anwendungssoftware der Zukunft. - Magdeburger Schriften zur Wirtschaftsinformatik; Aachen: Shaker; IV, 157 S: graph. Darst; 21 cm, 249 gr., 2007

[Literaturangaben]

Schulze, Thomas; Preim, Bernhard; Schumann, Heidrun

Simulation und Visualisierung 2007 - Proceedings der Tagung "Simulation und Visualisierung 2007" am Institut für Simulation und Graphik der Otto-von-Guericke-Universität Magdeburg am 8. und 9. März 2007. - Erlangen [u.a.]: SCS Publishing House; XII, 431 S.: Ill., graph. Darst.; 24 cm, 2007
Kongress: Tagung Simulation und Visualisierung 2007; (Magdeburg): 2007.03.08-09
SimVis 2007; (Magdeburg): 2007.03.08-09
[Literaturangaben]

Lehrbücher

Faustmann, André; Höding, Michael; Klein, Gunnar; Zimmermann, Ronny

Oracle-Datenbankadministration für SAP - [gibt Anleitung zur Administration und vermittelt Hintergrundwissen, unterstützt Sie bei Planung der Systemlandschaft, Performanceoptimierung und Monitoring, inkl. eigener Kapitel zu Backup, Recovery und Restore, Java und SAP Netweaver BI]. - [Link unter URL](#); Bonn [u.a.]: Galileo Press; 887 S.: graph. Darst.; 25 cm, 2007
[Referenzkarte: Transaktionscodes]

Buchbeiträge

Ahmed, Farag A. ; Nürnberger, Andreas

N-grams conflation approach for arabic text
In: Improving Non English Web Searching, (iNEWS'07). - Amsterdam, S. 39-46, 2007
[iNEWS'07; (Amsterdam): 2007.07.27]

Aoumeur, Nasreddine; Saake, Gunter; Barkaoui, Kamel

Dynamic interaction of information systems - weaving architectural connectors on component petri nets
In: Information systems analysis and Specification. - Madeira: Univ., INSTICC, S. 152-158, 2007
[ICEIS; 9 (Funchal, Portugal): 2007.06.12-16]

Bade, Korinna; Nürnberger, Andreas

Constraint based hierarchical clustering for text documents
In: LWA 2007. - Halle, S. 34-35
[LWA 2007; (Halle): 2007.09]

Bade, Korinna; Nürnberger, Andreas

Rearranging classified items in hierarchies using categorization uncertainty
In: Advances in data analysis. - Berlin [u.a.]: Springer, S. 125-132; [Link unter URL](#), 2007
[Conference on "Advances in Data Analysis"; (Berlin): 2006.03.08-10]

De Luca, Ernesto William; Eul, Martin; Nürnberger, Andreas

Multilingual query-reformulation using an RDF-OWL EuroWordNet representation
In: Improving Non English Web Searching, (iNEWS'07). - Amsterdam, S. 55-61, 2007
[iNEWS'07; (Amsterdam): 2007.07.27]

De Luca, Ernesto William; Rügheimer, Frank

Discovering linguistic dependencies with graphical models
In: LWA 2007. - Halle, S. 124-125
[LWA 2007; (Halle): 2007.09]

Dörk, Marian; Nürnberger, Andreas; Velasco Martin, Javier

Atomique - a photo repository for decentralized and distributed photo sharing on the web
In: Compilation, DVD proceedings // ACM Multimedia 2007 & co-located workshops - EMME '07, HCM '07, MIR '07, MS '07, MV '07, TVS '07. - [New York, NY]: ACM Press, S. 152-153; [Link unter URL](#)
[ACM International Conference on Multimedia; 15 (Augsburg): 2007.09.23-29]

Falkowski, Tanja; Barth, Anja; Spiliopoulou, Myra

DENGRAPH - a density-based community detection algorithm

In: The 2007 IEEE/WIC/ACM International Conference on Web Intelligence. - Los Alamitos, Calif. [u.a.]: IEEE Computer Society, S. 112-115

[IEEE/WIC/ACM International Conference on Web Intelligence; (Silicon Valley): 2007.11.02-05]

Götzelmann, Timo; Hartmann, Knut; Nürnberger, Andreas; Strohotte, Thomas

3d spatial data mining on document sets for the discovery of failure causes in complex technical devices

In: Proceedings of the Second International Conference on Computer Graphics Theory and Applications. - [Setúbal]: INSTICC Press, S. 137-145, 2007

[International Conference on Computer Graphics Theory and Application; 2 (Barcelona): 2007.03.08-11]

Götzelmann, Timo; Vázquez, Pere-pau; Hartmann, Knut; Germer, Tobias; Nürnberger, Andreas; Strohotte, Thomas

Mutual text-image queries

In: Spring Conference on Computer Graphics, SCCG 2007. - Bratislava, S. 181-188

[Spring Conference on Computer Graphics; 23 (Budmerice): 2007.04.26-28]

Hoppe, Tobias; Lang, Andreas; Dittmann, Jana

Evaluierung der Bedrohung durch fortschrittliche Angriffstechniken von Programmen mit Schadensfunktion

In: Innovationsmotor IT-Sicherheit. - Gau-Algesheim: SecuMedia Verl., S. 31-49, 2007

Hotz, Ingo; Schulze, Thomas

Generierung von Handlungsalternativen in simulationsbasierten Frühwarnsystemen

In: Simulation und Visualisierung 2007. - Erlangen [u.a.]: SCS Publishing House, S. 111-125

Kästner, Christian

CIDE - decomposing legacy applications into features

In: SPLC 2007; Vol. 2.: - Tokyo: Kindai Kagaku, S. 149-150

[SPLC 2007: 11th International Software Product Line Conference 10-14 September 2007, Kyoto, Japan; proceedings; Vol. 2]

Klitz, Stefan; Lang, Andreas; Dittmann, Jana

Malware - specialized trojan horse

In: Janczewski, Lech C.: Cyber warfare and cyber terrorism. - Hershey, Pa. : Information Science Reference, S. 154-160, 2007

Klitz, Stefan; Lang, Andreas; Dittmann, Jana

Taxonomy for computer security incidents

In: Janczewski, Lech C.: Cyber warfare and cyber terrorism. - Hershey, Pa. : Information Science Reference, S. 412-417, 2007

Kraetzer, Christian; Oermann, Andrea; Dittmann, Jana; Lang, Andreas

Digital audio forensics - a first practical evaluation on microphone and environment classification

In: Proceedings of the Multimedia & Security Workshop 2007. - New York, NY: ACM, S. 63-73

[ACM Multimedia and Security Workshop; (Dallas, Texas): 2007.09.20-21]

Krätzer, Christian

Preface

In: Proceedings of the 2nd WAVILA challenge (2nd WaCha). - Magdeburg: Otto-von-Guericke-Universität, insges. 2 S.; WaCha Proceedings Series; 2, 2007

[WAVILA Challenge; 2 (Geneva): 2006.09.28]

Krätzer, Christian

Visualisation of benchmarking results in digital watermarking and steganography

In: Proceedings of the 2nd WAVILA challenge (2nd WaCha). - Magdeburg: Otto-von-Guericke-Universität, S. 30-45; WaCha Proceedings Series; 2, 2007

[WAVILA Challenge; 2 (Geneva): 2006.09.28]

Kuhlemann, Martin; Leich, Thomas; Apel, Sven

Merkmalorientierte Architekturen für eingebettete Datenmanagementsysteme

In: Datenbanksysteme in Business, Technologie und Web (BTW 2007). - Aachen: Verl.-Haus Mainz, S. 342-354

[Workshop Datenbanksysteme in Business, Technologie und Web; (Aachen): 2007.03.05-06]

Kuhlemann, Martin; Rosenmüller, Marko; Apel, Sven; Leich, Thomas

On the duality of aspect-oriented and feature-oriented design patterns

In: Proceedings of the 6th workshop on aspects, components, and patterns for infrastructure. - ACM, insges. 5 S.; ACM International Conference Proceedings series; 219; [Link unter URL](#), 2007

[Workshop on Aspects, Components, and Patterns for Infrastructure; 6 (Vancouver): 2007]

Lang, Andreas; Dittmann, Jana; Megias, David; Herrera-Joancomarti, Jordi

Practical audio watermarking evaluation tests and its representation and visualization in the triangle of robustness, transparency and capacity

In: Proceedings of the 2nd WAVILA challenge (2nd WaCha). - Magdeburg: Otto-von-Guericke-Universität, S. 21-29; WaCha Proceedings Series; 2, 2007

[WAVILA Challenge; 2 (Geneva): 2006.09.28]

Pukall, Mario; Leich, Thomas; Kuhlemann, Martin; Rosenmüller, Marko

Highly configurable transaction management for embedded systems

In: Proceedings of the 6th workshop on aspects, components, and patterns for infrastructure. - ACM, insges. 8 S.; ACM International Conference Proceedings series; 219; [Link unter URL](#), 2007

[Workshop on Aspects, Components, and Patterns for Infrastructure; 6 (Vancouver): 2007]

Rosenmüller, Marko; Leich, Thomas; Apel, Sven

Konfigurierbarkeit für ressourceneffiziente Datenhaltung in eingebetteten Systemen am Beispiel von Berkeley DB

In: Datenbanksysteme in Business, Technologie und Web (BTW 2007). - Aachen: Verl.-Haus Mainz, S. 329-341

[Workshop Datenbanksysteme in Business, Technologie und Web; (Aachen): 2007.03.05-06]

Scheidat, Tobias; Vielhauer, Claus; Dittmann, Jana

Aspekte des Datenschutzes beim Umgang mit multi-modalen biometrischen Daten

In: Innovationsmotor IT-Sicherheit. - Gau-Algesheim: SecuMedia Verl., S. 213-228, 2007

[Deutscher IT-Sicherheitskongress; 10 (Bonn): 2007.05.22-24]

Scheidat, Tobias; Vielhauer, Claus; Dittmann, Jana

Study of possibility of on-pen matching for biometric handwriting verification

In: European Signal Processing Conference <15, 2007, Poznan>: Proceedings // EUSIPCO 2007. - Poznań, S. 184-188

[EUSIPCO 2007; 15 (Poznań): 2007.09.03-07]

Schult, Rene

TheMoT - a theme monitoring tool for text streams

In: LWA 2007. - Halle, S. 102-108

[LWA 2007; (Halle): 2007.09]

Schulz, Sascha; Spiliopoulou, Myra; Schult, Rene

Topic and cluster evolution over noisy document streams

In: Data mining patterns. - Hershey, Pa. [u.a.]: Information Science Reference, S. 220-239, 2007

Vielhauer, Claus; Schott, Maik

Nested object watermarking - from the rectangular constraint polygonal and private annotations
In: Proceedings of the Multimedia & Security Workshop 2007. - New York, NY: ACM, S. 187-193
[ACM Multimedia and Security Workshop; (Dallas, Texas): 2007.09.20-21]

Rezensionen

Zenker, Niko

. - Wirtschaftsinformatik. - Wiesbaden: Vieweg, Bd. 49.2007, 2, S. 148

Zenker, Niko

. - Wirtschaftsinformatik. - Wiesbaden: Vieweg, Bd. 49.2007, 3, S. 224-229

Artikel in Kongressbänden

Algergawy, Alsayed; Schallehn, Eike; Saake, Gunter

A unified schema matching framework
In: Proceedings of the 19. GI-Workshop on Foundations of Databases (Grundlagen von Datenbanken), Bretten, Baden-Württemberg, Germany, May 29 - June 1, 2007. - Bruchsal: School of Information Technology, S. 57-61; Technical report / International University in Germany, School of Information Technology; 2007,2
[GI-Workshop on Foundations of Databases; 19 (Bretten): 2007.05.29-06.01]

De Luca, Ernesto William; Eul, Martin; Nürnberger, Andreas

Converting EuroWordNet in OWL and extending it with domain ontologies
In: Lexical-semantic and ontological resources. - Hagen: Fernuniv., Fak. für Mathematik u. Informatik, S. 39-48; Informatik-Berichte; 336, 2007
[Workshop of the GLDV Working Group on Lexicography; (Tübingen); 2007.04.13-14]

Duda, Alexander; Nürnberger, Andreas; Stober, Sebastian

Towards query by singing/humming on audio databases
In: Proceedings of the 8th International Conference on Music Information Retrieval, ISMIR 2007. - Wien, S. 331-334
[International Conference on Music Information Retrieval; 8 (Vienna): 2007.09.23-27]

Hartmann, Knut; Büchner, Daniel; Berndt, Axel; Nürnberger, Andreas; Lange, Carsten

Interactive data mining & machine learning techniques for musicology
In: Proceedings of the third Conference on Interdisciplinary Musicology, (CIM 07). - Tallinn, insges. 9 S.; [Abstract unter URL](#), 2007
[Conference on Interdisciplinary Musicology; 3 (Tallinn): 2007.08.15-19]

Hoppe, Tobias; Dittmann, Jana

Sniffing/replay attacks on CAN buses - a simulated attack on the electric window lift classified using an adapted CERT taxonomy
In: 2nd Workshop on Embedded Systems Security (WESS' 2007). - Salzburg, insges. 3 S.
[Workshop on Embedded Systems Security; 2 (Salzburg): 2007.10.04]

Kuhlemann, Martin; Apel, Sven; Leich, Thomas

Streamlining feature-oriented designs
In: Software composition, S. 177-184, 2007
Kongress: International Symposium on Software Composition; 6 (Braga, Portugal): 2007.03.24-25
SC; 6 (Braga, Portugal): 2007.03.24-25
Joint European Conferences on Theory and Practice of Software; (Braga, Portugal): 2007.03.24-04.01
ETAPS 2007; (Braga, Portugal): 2007.03.24-04.01
[International Symposium on Software Composition; 6 (Braga, Portugal): 2007.03.24-25]

Lübcke, Andreas; Saake, Gunter; Schallehn, Eike

Self-Tuning für Bitmap-Index-Konfigurationen

In: Proceedings of the Studierendenprogramm at the 12th GI-conference on Databases, Technology and Web, March, 6 2007, Aachen, Germany. - Bruchsal: School of Information Technology, S. 28-30; Technical report / International University in Germany, School of Information Technology; 2007,1
Kongress: GI-conference on Databases; 12 (Aachen): 2007.03.06

Pukall, Mario

Feingranular konfigurierbare Transaktionssysteme für eingebettete Systeme

In: Proceedings of the 19. GI-Workshop on Foundations of Databases (Grundlagen von Datenbanken), Bretten, Baden-Württemberg, Germany, May 29 - June 1, 2007. - Bruchsal: School of Information Technology, S. 27-31; Technical report / International University in Germany, School of Information Technology; 2007,2
[GI-Workshop on Foundations of Databases; 19 (Bretten): 2007.05.29-06.01]

Vornholt, Stephan; Pukall, Mario; Geist, Ingolf

Grundlagen einer feature-orientierten Referenzbibliothek im Virtual Engineering

In: Proceedings of the 19. GI-Workshop on Foundations of Databases (Grundlagen von Datenbanken), Bretten, Baden-Württemberg, Germany, May 29 - June 1, 2007. - Bruchsal: School of Information Technology, S. 22-26; Technical report / International University in Germany, School of Information Technology; 2007,2
[GI-Workshop on Foundations of Databases; 19 (Bretten): 2007.05.29-06.01]

Artikel in Fachzeitschriften der Industrie, Gesellschaften, Verbände etc.

Hoppe, Tobias

Wenn die Zecke angreift, Teil

In: IT-Grundschutz. - Köln: Bundesanzeiger, Bd. 2.2007, 9, S. 6-7

Hoppe, Tobias

Wenn die Zecke angreift, Teil II

In: IT-Grundschutz. - Köln: Bundesanzeiger, Bd. 2.2007, 10, S. 6-8

Ziems, Dietrich; Schulze, Thomas

Virtual Prototyping von Materialflussanlagen

In: Schweizer Logistik-Katalog. - Laufenburg: Binkert, Bd. 32.2007, S. 65-67

Dissertationen

Apel, Sven

The role of features and aspects in software development. - Magdeburg, Univ., Fak. für Informatik, Diss., 2007;
[Link unter URL](#); XVII, 147 S.: graph. Darst.; 30 cm

Beringer, Jürgen

Online-Data-Mining auf Datenströmen - Methoden zur Clusteranalyse und Klassifikation. - Magdeburg, Univ., Fak. für Informatik, Diss., 2007; [Link unter URL](#); X, 189 S.: graph. Darst.; 30 cm

Ghoneim, Ahmed Mohamed Ali

Reflective and adaptive middleware for software evolution of information systems. - Magdeburg, Univ., Fak. für Informatik, Diss., 2007; [Link unter URL](#); XI, 138 S.: graph. Darst.; 30 cm

Rajub, Jubran

Referenzmodell eines strategischen Informationsmanagementsystems. - Magdeburg, Univ., Fak. für Informatik, Diss., 2007; XIV, 165 S.: graph. Darst.