



Refereed and Invited Conference Papers

2010

Del Fabro M., Böszörményi L.

[Video Scene Detection Based on Recurring Motion Patterns](#)

In: Böszörményi L., Burdescu D., Davies P., Newell D (Hrsg.): The Second International Conference on Advances in Multimedia (MMEDIA 2010). Washington (DC): IEEE, Juni 2010, pp. 113-118.

Wieser St., Böszörményi L.

[Flocks: Interest-based Construction of Overlay Networks](#)

In: Böszörményi L., Burdescu D., Davies P., Newell D (Hrsg.): The Second International Conference on Advances in Multimedia (MMEDIA 2010). Washington (DC): IEEE, Juni 2010, pp. 119-124.

Schöffmann K., Taschwer M., Böszörményi L.

[A Tool for Navigation and Searching within a Single Video based on Fast Content Analysis](#)

In: Mayer-Patel K., Feng W (Hrsg.): MMSYS 2010 - Proceedings of the 2010 ACM SIGMM Conference on Multimedia Systems. New York, NY: ACM Digital Library, Februar 2010, pp. 247-258

Schöffmann K., Böszörményi L.

[Enhancing Seeker-Bars of Video Players with Dominant Color Rivers \(Demo Session Paper\)](#)

In: Boll S., Zahng L., Zhang Z., Chen Y.P.P. (Eds.) Advances in Multimedia Modeling, 16th International Multimedia Modeling Conference (MMM 2010), LNCS 5916, Springer Verlag, January 6-8, 2010, Chongqing, China, pp. 773-775

2009

Kogler M., Del Fabro M., Lux M., Schöffmann K., Böszörményi L.

[Global vs. Local Feature in Video Summarization: Experimental Results](#)

In: Proceedings of the 10th International Workshop of the Multimedia Metadata Community, CEUR, Vol. 539, December 2-4, 2009, Graz, Austria

Schöffmann K., Lux M., Taschwer M., Böszörményi L.

[Visualization of Video Motion in Context of Video Browsing](#)

In: Proceedings of the IEEE International Conference on Multimedia and Expo (ICME 2009), IEEE, June 28 - July 3, 2009, New York, USA, pp. 658-661

Schöffmann K., Taschwer M., Böszörményi L.

[Video Browsing Using Motion Visualization](#)

In: Proceedings of the IEEE International Conference on Multimedia and Expo (ICME 2009), IEEE, June 28 - July 3, 2009, New York, USA, pp. 658-661

Schöffmann K., Böszörményi L.

[Video Browsing Using Interactive Navigation Summaries](#)

In: Proceedings of the 7th International Workshop on Content-Based Multimedia Indexing, IEEE, June 3-5, 2009, Chania, Crete, pp. 243-248

Lux M., Schöffmann K., Marques O., Böszörményi L.

[A Novel Tool for Quick Video Summarization using Keyframe Extraction Techniques](#)

In: Proceedings of the 9th Workshop of the Multimedia Metadata Community, CEUR Workshop Proceedings, Toulouse, France, 2009, 15pp.

Schöffmann K., Böszörményi L.

[Interactive Video Browsing of H.264 Content Based on Just-in-Time Analysis](#)

In: Advances in Semantic Media Adaptation and Personalization, Volume 2, Angelides, M.C., Mylonas, P., and Wallace, M., Eds., CRC Press, 2009, pp. 159-180



Schöffmann K., Lux M., Böszörményi L.

[A Novel Approach for Fast and Accurate Commercial Detection in H.264/AVC Bit Streams Based on Logo Identification](#)

In: Proceedings of the 15th International Multimedia Modeling Conference (MMM 2009), Sophia-Antipolis, France, January 7-9, 2009, Springer Verlag, LNCS Vol 5371, 978-3-540-92891-1, pp. 119-127

2008

Karpati P., Szkaliczki T., Böszörményi L.

[Algorithms for Placement of Storage Components and Videos in Distributed Multimedia Servers](#)

In: Proceedings of the Seventh IASTED International Conference on Communication Systems and Networks. ACTA Press 2008 ISBN 978-0-88986-758-1. pp. 43-48

Szkaliczki T., Karpati P., Böszörményi L.

[Comparing Static and Self-Organizing Behaviours for VoD Servers](#)

In: Proceedings of the 12th IASTED International Conference on Internet and Multimedia Systems and Applications. ACTA Press 2008, ISBN 978-0-88986-751-2. pp. 44-49

Schöffmann K., Böszörményi L.

[Fast and Flexible Video Content Browsing based on H.264/AVC Features](#)

In: Proceedings of the 18th International Workshop on Network and Operating Systems Support for Digital Audio and Video (NOSSDAV 2008), ACM, Braunschweig, Germany, May 28-30, 2008, pp. 115-116.

Spielvogel Ch., Böszörményi L., Kropf P.

[A Demo for Affinity based Content Delivery Architectures](#)

In: Proceedings of the 18th International Workshop on Network and Operating Systems Support for Digital Audio and Video (NOSSDAV 2008), ACM, Braunschweig, Germany, May 28-30, 2008, pp. 105-106.

Böszörményi L.

[Public Adoption of Digital Multimedia - Why Is It Lagging behind Expectations? \(Invited Talk\)](#)

In: Information Systems and e-Business Technologies, LNBIP Vol. 5, Springer Verlag, Proceedings of 2nd International United Information Systems Conference (UNISCON 2008), Klagenfurt, Austria, April 2008, pp. 52-58

Keynote Talk

[Multimedia Everywhere – a Dream or a Nightmare?](#)

at the IASTED International Conference on Internet and Multimedia Systems and Applications (EuroIIMSA 2008) - March 2008, Innsbruck, Austria

Keynote Talk

[Public Adoption of Digital Multimedia – Why is it Lagging Behind Expectations?](#)

at UNISCON 2008, April 2008, Klagenfurt, Austria

Schöffmann K., Böszörményi L. [Fast Segmentation of H.264/AVC Bitstreams for On-Demand Video Summarization](#)

In: Advances in Multimedia Modeling, LNCS Vol. 4903, Springer Verlag, Proceedings of the 14th International Multimedia Modeling Conference (MMM 2008), Kyoto, Japan, January 9-11, 2008, pp. 265-276.

Böszörményi L.

[Die Henne, modernes Bewusstsein, das Ei moderne Technik?](#)

In: Greif H., Mitrea O., Werner M. (Hrsg.): Information und Gesellschaft - Technologien einer sozialen Beziehung, Wiesbaden: VS Research 2008, pp. 41-46.



2007

Oberbichler A., Böszörményi L.

[Printf in 4D user interfaces](#)

In: Tochtermann K., Maurer H. (Hrsg.): Proceedings of I-Know '07 - 7th International Conference on Knowledge Management. Graz: Eigenverlag - TU Graz & Know Center, September 2007, pp. 377-383. September 5-7, 2007

Schöffmann K., Fauster M., Lampl O., Böszörményi L.

[An Evaluation of Parallelization Concepts for Baseline-Profile Compliant H.264/AVC Decoders](#)

In: Kermarrec A.-M., Bougé L., Priol T. (Hrsg.): Euro-Par 2007 Parallel Processing. Berlin, Heidelberg, New York: Springer Verlag GmbH, August 2007 (LNCS, 4641), pp. 782-791.

Kropfberger M., Tusch R., Jakab M., Köpke J., Ofner M., Hellwagner H., Böszörményi L.

[A Multimedia-Based Guidance System for various Consumer Devices](#)

In: Proceedings of the 3rd International Conference on Web Information Systems and Technologies (WEBIST '07), Barcelona, Spain, March 3-6, 2007, pp. 83-90

Jakab M., Kropfberger M., Ofner M., Tusch R., Hellwagner H., Böszörményi L.

[Metadata Integration and Media Transcoding in Universal-Plug-and-Play \(UPnP\) Enabled Networks](#), In: Proceedings of PDP 2007, 15th Euromicro Conference on Parallel, Distributed and Network-based Processing Naples, Italy, February 7-9, 2007, pp. 363 – 369

Cobarzan C., Böszörményi L.

[Further Developments of a Dynamic Distributed Video Proxy-Cache System](#)

In: Proceedings of PDP 2007, 15th Euromicro Conference on Parallel, Distributed and Network-based Processing Naples, Italy, February 7-9, 2007, pp. 349 - 357

Spielvogel Ch., Böszörményi L., Perauer St.

[Active and Passive Replication of Multimedia Content in a ProXy-to-ProXy Network \(X2X\)](#)

In: H. Burkhart (Ed.): Parallel and Distributed Computing and Networks, PDCN 2007, IASTED International Conference on Parallel and Distributed Computing and Networks, Innsbruck, Austria, February 13-15, 2007, pp. 303-308

2006

Peter Schojer, Laszlo Böszörményi, and Hermann Hellwagner

[QBIX-G – A Transcoding Multimedia Proxy](#)

In: Surendar Chandra, Carsten Griwodz (Hrsg.): Multimedia Computing and Networking 2006. San Jose: 13th SPIE/IS&T Annual Electronic Imaging Conference Jänner 2006 (Vol. 6071, pp. 60710C-1 - 60710C-16).

Spielvogel Ch., Böszörményi L., Schöffman K.

[An adaptive and self-organizing Proxy-to-Proxy Middleware](#)

In: Minema Workshop Proceeding, Eigenverlag Universität Leuven, Belgien, pp. 6.

Karpati P., Szkaliczki T., Böszörményi L.:

[Abstracting Characterizing Distributed VoD Servers](#)

In: Böszörményi L., Simonics Istvan, Pavlov R (Hrsg.): Methods and tools for development of semantic enabled systems and services for multimedia content, interoperability and reusability. Budapest, Ungarn: Eigenverlag Universität Klagenfurt/Projekt Hubuska August 2006, pp. 16-30.

Lampl O., Stellnberger E., Böszörményi L.:

[Programming Language Concepts for Multimedia Application Development](#)

In: Lightfoot D., Szyperski C (Hrsg.): Modular Programming Languages. Heidelberg, Germany : Springer Verlag September 2006 (Proceedings of 7th Joint Modular Languages Conference (JMLC)), pp. 23-37.



Santner M., Tusch R., Kropfberger M., Böszörményi L., Hellwagner H.:

[Ein Ortserkennungssystem für mobile Touristenführer](#)

In: Horster P (Hrsg.): D•A•CH Mobility 2006. Ottobrunn, München, Deutschland: IT Security & IT Management Oktober 2006, pp. 84-98.

2005

Böszörményi L.:

[Teaching: People to People About People \(A plea for the historic and human view\)](#)

In: Mittermeir, Roland T (Hrsg.): From Computer Literacy to Informatics Fundamentals. Heidelberg, Germany : Springer Verlag Februar 2005 (LNCS, 3422), pp. 93-103.

Karpati P., Kocsor A., Boeszörményi L.:

[Client Behaviour Prediction in a Proactive Video Server](#)

In: Hamza M.H (Hrsg.): Proceedings of the 9th IASTED International Conference on Internet and Multimedia Systems and Applications (EuroIMSA 2005). Grindelwald: ACTA Press Februar 2005, pp. 492-497.

Müller A., Kropfberger M., Böszörményi L.:

[Annotation and presentation of content-variations in a webbased search environment for video](#)

In: Istvan Simonics (Hrsg.): Technology-enhanced Learning with Ubiquitous Applications of Integrated Web, Digital TV and Mobile Technologies. Budapest: Eigenverlag, 7. Juli 2005, pp. 67-74.

Spielvogel Ch., Böszörményi L.:

[Measurement and Prediction of Network Characteristics. In: M.H.](#)

Hamza (Hrsg.): Proceedings of IASTED International Conference on Internet and Multimedia Systems and Applications (EuroIMSA 2005). Grindelwald: ACTA Press Februar 2005, pp. 227-233.

2004

Goldschmidt B., Skaliczki T., Böszörményi L.:

[Placement of Nodes in an Adaptive Distributed](#)

Multimedia Server. In: M. Danelutto, D. Laforenza, M. Vanneschi (Hrsg.): Eur-Par 2004, Parallel Processing. Pisa, Italy: Springer 2004 (LNCS, 3149), pp. 776-783

Szkaliczki T., Böszörményi L.:

[Incremental Placement of Nodes in a Large-Scale Adaptive Distributed Multimedia Server](#)

In: J. Zoltan, P. Kacsuk, D. Kranzlmüller (Hrsg.): Distributed and Parallel Systems: Cluster and Grid Computing (DAPSYS 2004, Austrian-Hungarian Workshop on Distributed and Parallel Systems, Budapest, Hungary September 19-22, 2004). New York [u. a.]: Springer 2004 (Kluwer International Series in Engineering and Computer Science, 777), pp. 165-172

2003

Böszörményi L., Tusch R.:

[Inhaltsbasierte Suche in Videoarchiven](#)

In: W. Ernst (Hrsg.): Suchbilder. Visuelle Kultur zwischen Algorithmen und Archiven. Kulturverlag Kadmos 2003 (5), S. 67-75

Schojer P., Böszörményi L., Hellwagner H., Penz B., Podlipnig St.:

[Architecture of a Quality Based Intelligent Proxy \(QBIX\) for MPEG-4 Videos](#)

In: Hencsey G., White B (Hrsg.): The Twelfth International World Wide Web Conference, Budapest, ACM 2003, pp. 394-402.

Tusch R., Böszörményi L., Goldschmidt B., Hellwagner H., Schojer P.:

[Offensive and Defensive Adaptation in Distributed Multimedia Systems](#)

In: Jakab F., Cizmar A (Hrsg.): Proceedings of ICETA 2003 (Kosice, Slovakia), September 2003, pp. 17-19



Tusch R., Spielvogel Ch., Kröpfl M., Böszörményi L.:

[An Adaptive Distributed Multimedia Streaming Server in Internet Settings](#)

In: S. Panchanathan, T. Zhang, J. R. Smith (Hrsg.): Proceedings of Information Technologies and Communications (ITCom), Internet Multimedia Management Systems IV, Orlando, USA. Orlando: SPIE 2003 (Vol. 5242), pp. 312-323

Böszörményi L., Döller M., Hellwagner H., Kosch H., Libsie M., Schojer P.:

[Comprehensive Treatment of Adaptation in Distributed Multimedia Systems in the ADMITS Project](#)

In: Juan-les-Pins (Hrsg.): Proceedings of the tenth ACM International conference on Multimedia. New York: ACM 2002, pp. 429-430

2002

Podlipnig St., Böszörményi L.:

[Replacement Strategies for Quality Based Video Caching](#)

In: Swiss Federal Institute of Technology (Hrsg.): IEEE International Conference on Multimedia and Expo (ICME), Lausanne, Schweiz: IEEE August 2002, p. 5., ISBN: 0780373049

Schojer P., Böszörményi L., Hellwagner H.:

[An Adaptive MPEG-4 Proxy Cache](#)

In: P. Kascuk, D. Kranzlmüller, Z. Nemeth, J. Volkert (Hrsg.): Distributed and parallel systems : cluster and grid computing. Proceedings of International Conference on Distributed and Parallel Systems (DAPSYS 02), Linz, Austria. Boston [u. a.]: Kluwer Academic Publishers August 2002 . pp. 149-156

Böszörményi L., Tusch R., Goldschmidt B.:

[A Mobile Agent-based Infrastructure for an Adaptive Multimedia Server](#)

In: P. Kacsuk, D. Kranzlmüller, Z. Nemeth, J. Volkert (Hrsg.): Distributed and parallel systems: cluster and grid computing. Boston: Kluwer Academic Publishers 2002, pp. 141-148

2001

Böszörményi L., Hellwagner H., Kosch H.:

[Multimedia Technologies for E-Business Systems and Process](#)

In: P. Horster (Hrsg.): Elektronische Geschäftsprozesse: Grundlagen, Sicherheitsaspekte, Realisierungen, Anwendungen. Tagungsband zur gemeinsamen Arbeitskonferenz GI/VOI/BITKOM/OCG/TeleTrusT. Höhenkirchen: it Verlag 2001 (IT Security & IT Management), pp. 471 -481

Kosch H., Böszörményi L., Bachlechner A., Hanin C., Hofbauer C., Lang M., Riedler C., Tusch R.:

[SMOOTH-A Distributed Multimedia Database System](#)

In: P. M. G. Apers, P. Atzeni, St. Ceri, St. Paraboschi, K. Ramamohanarao, R. T. Snodgrass (Hrsg.): VLDB 2001, Proceedings of 27th International Conference on VeryLarge Data Bases, Roma, Italy, September, 11-14, 2001. Orlando, Flo.: Morgan Kaufmann September 2001

Kosch H., Böszörményi L., Hellwagner H.:

[Modeling Quality Adaptation Capabilities of Audio-Visual Data](#)

In: H. C. Mayr, J. Lazansky, G. Quichmayr, P. Vogel (Hrsg.): Proceedings of the 12th International Conference on Database and Expert Systems Application - DEXA 2001, Munich, Germany, September 3-5, 2001. Berlin [u. a.]: Springer Verlag September 2001 (LNCS, 2113), pp. 744- 753

Kosch H., Döller M., Böszörményi L.:

[Content-based Indexing and Retrieval Supported by Mobile Agent Technology](#)

In: M. Tucci (Hrsg.): Multimedia Databases and Image Communication, Second International Workshop MDIC 2001, Amalfi, Italy, September 17-18, 2001; Proceedings. Berlin [u. a.]: Springer Verlag 2001 (LNCS, 2184), pp. 152-165



2000

Kosch H., Breidler K., Böszörményi L.:

[A Comparative Study of Selected Parallel Video Servers](#)

In: A. M. Tjoa, R. R. Wagner, A. Al-Zobaidie (Hrsg.): 11th International Workshop on Database and Expert Systems Applications (DEXA'00) 6-8 September 2000, Greenwich, London. U.K., Greenwich: IEEE CS Press September 2000, pp. 669-673

Kosch H., Breidler K., Böszörményi L.:

[The Parallel Video Server SESAME-KB](#)

In: P. Kacsuk, G. Kotsis (Hrsg.): Distributed and Parallel Systems - From Concepts to Architectures. Boston, Mass. [u. a.]: Kluwer Academic Publ., September 2000 (The Kluwer International series in engineering and computer science, 567), pp. 151-154.

Kosch H., Tusch R., Böszörményi L., Bachlechner A., Dörflinger B., Hofbauer C., Riedler C.:

[The SMOOTH Video DB -Demonstration of an Integrated Generic Indexing Approach](#)

In: Proceedings ACM Multimedia 2000 : Los Angeles, California, October 30 - November 4, 2000. Reading, Mass.: Addison Wesley [u. a.] Dezember 2000, pp. 495-496

Moustefaoui A., Kosch H., Böszörményi L., Brunie L.:

[Multi-Clip Query Optimization in Video Databases](#)

In: Proceedings of IEEE Conference Multimedia and Expo. ICME 2000: 30 July - 2 August 2000, New York, USA/ IEEE Signal Processing Society. Piscataway, NJ: IEEE Service Center 2000, pp. 363-367

Podlipnig S., Böszörményi L.:

[Quality-Aware Proxy Caching for Web Videos](#)

In: P. Kacsuk, G. Kotsis (Hrsg.): Proceedings of DAPSYS 2000. Boston, Mass. [u. a.]: Kluwer Academic Publishers September 2000, pp. 195-204

Tusch R., Kosch H., Böszörményi L.:

[VIDEX: Integrated Generic Video Indexing Approach](#)

In: [M. del Rey]/ACM (Hrsg.): Proceedings ACM Multimedia 2000 : Los Angeles, California, October 30 - November 4, 2000. Reading, Mass.: Addison-Wesley [u. a.] Dezember 2000, pp. 495-496.

1999

Amme W., Schordan M., Böszörményi L., Rossak W.:

[PAOLA-Program Analysis of Object-Oriented Languages](#)

In: A. Moreira, S. Demeyer (Hrsg.): Object-Oriented Technology, ECOOP 99 Workshop Reader. ECOOP'99 Workshops, panels, posters, Lisbon, Portugal, June 14-18, 1999 Proceedings Berlin [u. a.]: Springer Verlag Oktober 1999 (LNCS,1743), pp. 143-146

Angster E., Bergin J., Böszörményi L.:

[Introducing OO Programming - with Special Emphasis on Concrete Examples](#)

In: A. Moreira, S. Demeyer (Hrsg.): Object-Oriented Technology: ECOOP'99 Workshop Reader; ECOOP'99 Workshops, Panels, and Poster: Lisbon, Portugal, June 14-18, Springer Verlag 1999, pp. 338-358

Böszörményi L.:

[Introducing OO with Bottom-up Approach, Structured First](#)

In: A. Moreira, S. Demeyer (Hrsg.): Object-Oriented Technology: ECOOP'99 Workshop Reader; ECOOP'99 Workshops, Panels, and Poster: Lisbon, Portugal, June 14-18, 1999; Proceedings. Berlin [u. a.]: Springer Verlag Oktober 1999 (LNCS, 1743), pp. 340-342

Böszörményi L., Eisner R., Groiss H.:

[Adding Distribution to a Workflow Management System](#)

In: A. Cammelli (Hrsg.): 10th DEXA 1999 Workshop Proceedings, Sept 1-3 1999, Florence, Italy. Los Alamitos, Calif. [u. a.]: IEEE CS Press September 1999, pp. 17-21



Böszörményi L., Hölzl G., Pirker E.:

[Parallel Cluster Computing with IEEE-1394](#)

In: G. Goos, J. Hartmanis, J. van Leeuwen (Hrsg.): Parallel Computing. 4th International ACPC Conference Including Special Tracks on Parallel Numerics (ParNum'99) and Parallel Computing in Image Processing, Video Processing, and Multimedia Salzburg, Austria, February 16-18, 1999, Proceedings. Berlin [u. a.]: Springer Verlag Februar 1999 (LNCS, 1557), pp. 552-532.

Böszörményi L., Kosch H., Schordan M.:

[JavaSet - extending Java by persistent sets](#)

In: H. Gutmann (Hrsg.): Proceedings of the 3rd International Austrian-Israeli Technion Symposium, 26.-27. April 1999, RISC Linz, Austrian Technion Society. Wien: Austrian Technion Society April 1999, pp. 58-66.

Böszörményi L., Kosch H., Slota R.:

[PARMED-Information system for long distance collaboration in medicine](#)

In: H. Gutmann (Hrsg.): Proceedings of the 3rd International Austrian-Israeli Technion Symposium, 26.-27. April 1999, RISC Linz, Austrian Technion Society. Wien: Austrian Technion Society April 1999, pp. 157-164.

Böszörményi L., Wickner A., Wolf H.:

[Performance Evaluation of Object Oriented Middleware](#)

In: P. Amestoy, P. Berger, M. Daydé, I. Duff, V. Frayssé, L. Giraud, D. Ruiz (Hrsg.): Euro-Par 1999, Parallel Processing, Proceedings of 5th International EuroPar Conference, Toulouse, France, August 31 - September 3, 1999. Berlin [u. a.]: Springer Verlag 1999 (LNCS, 1685), pp. 258-262.

Kosch H., Slota R., Böszörményi L., Kitowski J., Otfinowski J., Wójcik P.:

[A Distributed Medical Information System for Multimedia Data - The first Years Experience of the PARMED Project](#)

In: M. Bubak, R. Williams, H. Afsarmanesh, B. Hertzberger B (Hrsg.): High-Performance Computing and Networking. Berlin [u. a.]: Springer Verlag April 1999 (LNCS, 1823), pp. 543-546.

1998

Böszörményi L., Weich C.:

[Simple and Efficient Transactions for a Distributed Object Store](#)

In: Proceedings of Database and Expert Systems Applications (DEXA '98). Wien: IEEE 1998.

Böszörményi L., Kosch H.:

[High Performance Sets](#)

In: Peter M. A. Sloot, Marian Bubak, Bob Hertzberger (Hrsg.): High-Performance Computing and Networking. Heidelberg: Springer April 1998 (LNCS, 1401)

1997

Böszörményi L., Mittermeir R.:

[Choosing Modula-3 as "Mother Tongue"](#)

In: Mössenböck H (Hrsg.): Modular Programming Language. Heidelberg: Springer März 1997 (LNCS, 1204), 382

1996

Böszörményi L.:

[Distributed Sets of Objects](#)

In: Cointe P (Hrsg.): ECOOP '96 Object-Oriented Programming, Heidelberg: Springer Verlag Juli 1996 (LNCS 1098), 504

Böszörményi L., Stopper A.:

[Acceleration of Distributed, Object-Oriented Simulations Using a Graph-Optimizing Approach](#)

In: A. G. Bruzzone, E. J. H. Kerckhoffs (Hrsg.): Directory of Simulation Software, 1996. Society for Computer Simulation International 1996 (Proceedings of ESS'96, Genoa, Italy).



Eder K.H., Böszörményi L.:

[Optimized Parallel Sets for Data Intensive Applications](#)

In: Wagner R., Thoma H (Hrsg.): Database and Expert Systems Applications, 7th International Conference. Heidelberg: Springer Verlag September 1996 (LNCS, 1134).

1995

Böszörményi L., Stopper A.:

[A Distributed, Object Oriented Simulation System based on Hints](#)

In: Breitenecker F., Husinsky I (Hrsg.): Eurosim '95. Vienna: Elsevier September 1995 (Proceedings of the 1995 EUROSIM Conference), 1356.

1994

Böszörményi L. Eder J., Weich C.: PPOST:

[A Parallel Database in Main-Memory](#)

In: Karagiannis D. (Hrsg.): Database and Expert Systems Applications. Heidelberg: Springer Verlag September 1994 (LNCS, 856), 754-758.

Böszörményi L., Eder K.H.:

[Adding Parallel and Persistent Sets to Modula-3](#)

In: P. Schulthess (Hrsg.): Proceedings of the Joint Modular Languages Conference. Ulm: Universitätsverlag Ulm September 1994, pp. 201-216.

Böszörményi L., Eder K.H., Weich C.:

[PPOST - A Persistent Parallel Object Store](#)

In: Proceedings of the International Conference on Massively Parallel Processing Applications and Development Juni 1994, pp. 163-171

1992

Böszörményi L.:

[A Comparison of Modula-3 and Oberon-2](#)

In: Mittermeir, Roland T (Hrsg.): Proceedings of the 7th Joint Conference of the Austrian Computer Society (OCG) and the John von Neumann Society for Computing Sciences (NJSZT), Klagenfurt, 1992. Klagenfurt: Springer 1992, pp.

Publications in Scientific Journals

2010

Schöffmann K., Hopfgartner F., Marques O., Böszörményi L., M. Jose J.

[Video browsing interfaces and applications: a review](#)

In: SPIE Reviews, Volume 1, March 2010, Online Version available!

2009

Lux M., Marques O., Schöffmann K., Böszörményi L., Lajtai G.

[A novel tool for summarization of arthroscopic videos](#)

In: Multimedia Tools and Applications, Springer, September 2009, Online Version available!

Karpati P., Szkaliczki T., Böszörményi L.

[Designing and scaling distributed VoD Servers](#)

In: Multimedia Tools and Applications, Springer, Vol. 41, Number 1, January 2009, 36 pp.



2008

Böszörményi L.

[History of Informatics](#)

In: IEEE Annals of the History of Computing, Methods and Challenges in the History of Informatics, Vol. 30, Number 3, July-September 2008, 4 pp.

Tusch R., Jakab M., Köpke J., Krätschmer A., Kropfberger M., Kuchler S., Ofner M., Hellwagner H., Böszörményi L.

[Context-Aware UPnP-AV Services for Adaptive Home Multimedia Systems](#)

In: International Journal of Digital Multimedia Broadcasting, Article ID 835438, Vol. 2008, September 2008, 12 pp.

2007

Böszörményi L., Hellwagner H., Schojer P.

[Metadata-driven optimal transcoding in a multimedia proxy](#)

In: Multimedia Systems, Vol. 13, July 2007, pp. 51-68

2005

Goldschmidt L., Tusch R., Böszörményi L.:

[A CORBA-based Middleware for an Adaptive Streaming Server](#)

In: Scalable Computing: Practice and Experience, Vol 6 (2005), No 2, pp.83-92

Kosch H., Böszörményi L., Döllner M., Libsle M., Kofer A., Schojer P.:

[The life-cycle of Multimedia Metadata](#)

In: IEEE MultiMedia, 12 (2005), 1, pp.80-86.

Schojer P., Böszörményi L., Hellwagner H.:

[An Adaptive Standard Meta-data Aware Proxy Cache](#)

In: Scalable Computing: Practice and Experience, Vol 6 (2005), No 2, pp. 93-104

2004

Kosch H., Moustefaoui A., Böszörményi L., Brunie L.:

[Heuristics for Optimizing Multi-clip Queries in Video Databases](#)

In: Multimedia Tools and Applications, 22 (2004), 3, pp. 235-262

Tusch R., Böszörményi L., Goldschmidt B., Hellwagner H., Schojer P.:

[Offensive and Defensive Adaptation in Distributed Multimedia Systems](#)

In: Computer Science and Information Systems, Vol. 1 (2004), No 1, pp. 49-77

2003

Böszörményi L., Hellwagner H., Kosch H., Libsle M., Podlipnig St.:

[Metadata Driven Adaptation in the ADMITS Project](#)

In: Signal Processing - Image Communication - Special Issue on Multimedia Adaptation, Vol. 18 (2003), Issue 8, pp. 749-766.

Böszörményi L., Kosch H., Hellwagner H.:

[Best papers of EuroPar 2003](#)

In: Parallel Processing Letters 13 (2003), 4, pp. 509-511.

Podlipnig St., Böszörményi L.:

[A survey of Web cache replacement strategies](#)

In: ACM Computing Surveys (CSUR), Volume 35 , Issue 4 (2003), pp. 374 - 398.



2000

Böszörményi L.:
[Computer im Kindergarten?](#)
In: APL-Journal, Jg. 19 (2000), Nr. 1, S. 29-33

Hölzl G., Böszörményi L.:
[Distributed Federative QoS Resource Management-Extended version](#)
In: Future Generation Computer Systems, Vol. 16 (2000), Issue 6, No 16, pp. 717-725

1999

Böszörményi L.:
[Computer az óvodában?](#)
In: Tani-Tani, (1999), pp. 4-14.

Böszörményi L.:
[Parallel Programming](#)
In: APL-Journal, Jg. 18 (1999), Nr. 2, pp. 85-89

Böszörményi L., Stopper A.:
[Semi-automatic parallelization of object-oriented simulations](#)
In: Simulation Practice and Theory, Vol. 7 (1999), Issue 4, pp. 295-307

1998

Böszörményi L.,.:
[Why Java is not my favorite first-course language](#)
In: Software - Concepts & Tools, (1998), Volume 19, Number 3, pp. 141-145.

1997

Böszörményi L., Eder K.H.:
[M3Set - A Language for Handling of Distributed and Persistent Sets of Objects](#)
In: Parallel Computing, 22 (1997), 13, pp. 1897-1912

Böszörményi L., Eder K.H., Weich C.:
[A Very Fast Parallel Object Store for Very Fast Applications](#)
In: Simulations Practice and Theory, Volume 5, Numbers 7-8 (1997), pp. 605-622.

1994

Böszörményi L.:
[Phantasie und TV-Gewalt](#)
In: Monatsschrift zur Pädagogik Rudolf Steiners, 58. , Jahrgang (1994), 3, S. 210-212

1993

Böszörményi L.:
[A Comparison of Modula-3 and Oberon-2: extended version](#)
In: Structured Programming, Volume 14 (1993), 1, 15-22

Böszörményi L.:
[Informatik in der Grundschule](#)
In: Didaktische Zeitschrift des IST-Zentrums Linz, (1993), 15-17



1992

Böszörmenyi L.:
Informatik und Wissenschaftsgeschichte
In: Informatik in der Schule - Informatik für die Schule, 10 (1992)

Editorial work and Contributions to Books

2008

Böszörmenyi L. (co-editor):
Special Issue on Personalization of Mobile Multimedia Broadcasting - International Journal of Digital Multimedia Broadcasting
New York, USA, Hindawi Publishing Corporation

Böszörmenyi L. (guest-editor):
IEEE Annals of the History of Computing - Methods and Challenges in the History of Informatics.
Volume 30, Number 3, July-Sept. 2008, 92 pp.

Kosch H., Böszörmenyi L., Hölbling G., Coquil D., Heuer J. (editors):
Personalization of Mobile Multimedia Broadcasting
In: International Journal of Digital Multimedia Broadcasting, Article ID 238073, Vol. 2008, September 2008, 6 pp.

2007

Böszörmenyi L. (Hrsg.):
MEDICHI 2007 - Methodic and Didactic Challenges of the History of Informatics
Klagenfurt, Austria, Österreichische Computergesellschaft, 178 pp.

2006

Böszörmenyi L., Simonics I., Pavlov R (Hrsg.):
Methods and tools for development of semantic enabled systems and services for multimedia content, interoperability and reusability
Budapest, Ungarn: Eigenverlag Universität Klagenfurt/Projekt Hubuska August 2006, 126 pp.

2003

Böszörmenyi L., Podlipnig St (Hrsg.):
People behind Informatics
Klagenfurt : Eigenverlag Universität, Klagenfurt August 2003, 121 pp.

Böszörmenyi L., Schojer P (Hrsg.):
Modular Programming Languages Joint Modular Language Conference, JMLC 2003
Heidelberg: Springer Verlag August 2003 (LNCS, 2789), 270 pp.

Kosch H., Hellwagner H., Böszörmenyi L (Hrsg.):
Euro-Par 2003, Parallel Processing
Heidelberg: Springer Verlag August 2003 (LNCS, Vol. 2790), 1320 pp.

2000

Böszörmenyi L., Gutknecht J., Pomberger G (Hrsg.):
The School of Niklaus Wirth
dpunkt.verlag - Copublication with Morgan-Kaufmann September 2000, 268 pp.



1996

Böszörményi L (Hrsg.):

[Parallel Computation \(ACPC\) - Third International ACPC Conference with Special Emphasis on Parallel Databases and Parallel I/O](#)

Klagenfurt, Austria, September 23-25, 1996. Heidelberg: Springer Verlag September 1996 (LNCS, 1127), 123 pp.

Böszörményi L., Weich C (Hrsg.):

[Programming in Modula-3 - An Introduction in Programming with Style](#)

Heidelberg: Springer Verlag 1996, 557 pp.

1995

Böszörményi L., Weich C (Hrsg.):

[Programmieren mit Modula-3 - Eine Einführung in stilvolle Programmierung](#)

Heidelberg: Springer Verlag 1995, 577 pp.

Technical Reports and Others

Lampl O., Böszörményi L.

[Towards Adaptive Quality-Aware Programming with Declarative QoS Constraints](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2008 (TR/ITEC/11/2.08), 18 pp.

Spielvogel Ch., Böszörményi L.

[Proxy Affinity](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.06), 13 pp.

Schöffmann K., Böszörményi L.

[Early Stage Shot Detection for H.264/AVC Bitstreams](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.04), 26 pp.

Oberbichler A., Böszörményi L.

[Animated visualization in 4D UI](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.02), 12 pp.

Oberbichler A., Böszörményi L.

[Framework for 4d user interfaces](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.01), 18 pp.

Cobarzan C., Böszörményi L.

[Further Developments of a Dynamic Distributed Video Proxy-Cache System](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2006 (TR/ITEC/06/2.02), 28 pp.

Schojer P., Böszörményi L., Hellwagner H.:

[QBIX-G-A Transcoding Multimedia Proxy](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2005 (TR/ITEC/05/2.11), 24 pp.

Spielvogel Ch., Böszörményi L., Schöffmann K.:

[An adaptive and self-organizing Proxy-to-Proxy Middleware](#)

Leuven: Eigenverlag Universität Leuven Februar 2006, pp. 6.

Cobarzan C., Böszörményi L.

[Further Developments of a Dynamic Distributed Video Proxy-Cache System](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2006 (TR/ITEC/06/2.02), 28 pp.

Schojer P., Böszörményi L., Hellwagner H.:

[QBIX-G-A Transcoding Multimedia Proxy](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2005 (TR/ITEC/05/2.11), 24 pp.

Spielvogel Ch., Böszörményi L., Schöffmann K.:

[An adaptive and self-organizing Proxy-to-Proxy Middleware](#)

Leuven: Eigenverlag Universität Leuven Februar 2006, 6 pp.



Cobarzan C., Böszörményi L.:

[Dynamic proxy-cache multiplication inside LANs](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology Februar 2005 (TR/ITEC/05/2.02) 22 pp.

Domokos C., Szell E., Karpati P., Böszörményi L.:

[Mixed and Weighted Measures for Client Behavior Prediction in a Proactive Video Server](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2005 (TR/ITEC/05/2.09) 40 pp.

Spielvogel Ch., Böszörményi L. [Proxy Affinity](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.06), 13 pp.

Schöffmann K., Böszörményi L.

[Early Stage Shot Detection for H.264/AVC Bitstreams](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.04), 26 pp.

Oberbichler A., Böszörményi L.

[Animated visualization in 4D UI](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.02), 12 pp.

Oberbichler A., Böszörményi L.

[Framework for 4d user interfaces](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2007 (TR/ITEC/07/2.01), 18 pp.

Cobarzan C., Böszörményi L.

[Further Developments of a Dynamic Distributed Video Proxy-Cache System](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2006 (TR/ITEC/06/2.02), 28 pp.

Schojer P., Böszörményi L., Hellwagner H.:

[QBIX-G-A Transcoding Multimedia Proxy](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2005 (TR/ITEC/05/2.11), 24 pp.

Spielvogel Ch., Böszörményi L., Schöffmann K.:

[An adaptive and self-organizing Proxy-to-Proxy Middleware](#)

Leuven: Eigenverlag Universität Leuven Februar 2006, pp. 6.

Cobarzan C., Böszörményi L.:

[Dynamic proxy-cache multiplication inside LANs](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology Februar 2005 (TR/ITEC/05/2.02), 22 pp.

Domokos C., Szell E., Karpati P., Böszörményi L.:

[Mixed and Weighted Measures for Client Behavior Prediction in a Proactive Video Server](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2005 (TR/ITEC/05/2.09), 40 pp.

Karpati P., Szkaliczki T., Böszörményi L.:

[Mathematical model for distributed VoD servers](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2005 (TR/ITEC/05/2.13), 115 pp.

Spielvogel Ch., Böszörményi L., Tusch R.:

[A Quality of Service based Infrastructure for Adaptive Video Servers](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology Februar 2005 (TR/ITEC/04/2.14.), 8 pp.

Taschwer M., Müller A., Böszörményi L.:

[Integrating Semantic Search and Adaptive Streaming of Video Segments](#)

Klagenfurt: kA 2005 (Technical Reports of the Institute of Information Technology, (TR/ITEC/05/2.04), 34 pp.



Karpati P., Kocsor A., Böszörményi L.:

[Client Behaviour Prediction in a Proactive Video Server](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2004 (TR/ITEC/04/2.18)
15 pp.

Schojer P., Böszörményi L., Hellwagner H.:

[QBIX-G: A Quality Based Intelligent proXy Gateway](#)

Klagenfurt : Technical Reports of the Dept. of Information Technology 2004, 24 pp.

Spielvogel Ch., Böszörményi L.:

[An alternative way of providing QoS without support from the network](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2004, 15 pp.

Spielvogel Ch., Böszörményi L., Tusch R.:

[Good enough Predictive QoS](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2004 (TR/ITEC/04/2.14), 12 pp.

Böszörményi L., Tusch R., Goldschmidt B.:

[A Mobile Agent-based Infrastructure for an Adaptive Multimedia Server](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2003, 12 pp.

Böszörményi L., Becker Ch., Kosch H., Stary Ch.:

[Quality of Service in Distributed Object Systems and Distributed Multimedia Object/Component Systems](#)

Klagenfurt: Technical Reports of the Dept. of Information Technology 2001 (TR/ITECC/01/2.05), 22 pp.

Böszörményi L.:

[Woher kommt die Information?](#)

In: Universitaet Klagenfurt (Hrsg.): 25 Jahre Universität Klagenfurt. Klagenfurt: Carinthia GmbH 1996