

Publications

Zoltán Porkoláb

International Journals

Károly Tilly, Zoltán Porkoláb: Semantic user interfaces, International Journal of Enterprise Information Systems 6 (1), pp. 29-43

Zoltán Porkoláb: Functional Programming with C++ Template Metaprograms, In Zoltán Horváth, Rinus Plasmeijer, Viktória Zsók (eds.) Central European Functional Programming School - Third Summer School, CEFP 2009, Budapest, Hungary, May 21-23, 2009 and Komárno, Slovakia, May 25-30, 2009, Revised Selected Lectures, Lecture Notes in Computer Science, LNCS Vol 6299, ISBN 978-3-642-17684-5, 2010. pp.306-353.

In Fernandes, J.M.; Lämmel, R.; Visser, J.; Saraiva, J. (eds.) Generative and Transformational Techniques in Software Engineering III International Summer School, GTTSE 2009, Braga, Portugal, July 6-11, 2009, Revised Papers, Lecture Notes in Computer Science, LNCS Vol. 6491 ISBN: 978-3-642-18022-4, pp.467-486.

Péter Bauer, Zsolt Hernáth, Zoltán Horváth, Gyula Mayer, Zsolt Parragi, Zoltán Porkoláb, Zsolt Sztupák: HypereiDoc - An XML Based Framework Supporting Cooperative Text Editions, In: Paolo Atzeni, Albertas Caplinskas, Hannu Jaakkola (Eds.): Advances in Databases and Information Systems, 12th East European Conference, ADBIS 2008, Pori, Finland, September 5-9, 2008. Proceedings. Lecture Notes in Computer Science Vol. 5207, Springer Verlag 2008, ISBN 978-3-540-85712-9, pp. 14-29.

Ádám Sipos, Viktória Zsók, Zoltán Porkoláb: Meta<Fun> - Towards a Functional-Style Interface for C++ Template Metaprograms, In Frentiu et al ed.: Studia Universitatis Babes-Bolyai Informatica LIII, 2008/2, Cluj-Napoca, 2008, pp. 55-66.

Krisztián Pócza, Mihály Biczó, Zoltán Porkoláb: Securing Distributed .NET Applications Using Advanced Runtime Access Control, In Frentiu et al ed.: Studia Universitatis Babes-Bolyai Informatica LIII, 2008/2, Cluj-Napoca, 2008., pp. 39-54.

Ábel Sinkovics, Zoltán Porkoláb: Recursive and Dynamic Structures in Generic Programming, In Frentiu et al ed.: Studia Universitatis Babes-Bolyai Informatica LIII 2008/2, Cluj-Napoca, 2008, pp. 93-104.

Marjan Hericko, Ales Zivkovic, Zoltán Porkoláb: A Method for Calculating Acknowledged Project Effort Using a Quality Index, In: Informatica (Slovenia), Vol.31 (2007) pp. 431-436. Zoltán Juhász, Ádám Sipos, Zoltán Porkoláb: Implementation of a Finite State Machine with Active Libraries in C++, In: Ralf Lämmel, Joost Visser, João Saraiva (Eds.): Generative and Transformational Techniques in Software Engineering II, International Summer School, GTTSE 2007, Braga, Portugal, July 2-7, 2007. Lecture Notes in Computer Science 5235 Springer 2008, ISBN 978-3-540-88642-6., pp. 474-488.

Ádám Sipos, Norbert Pataki, Zoltán Porkoláb: On multiparadigm software complexity metrics, Pu.M.A vol. 17 (2006), No 3-4, pp. 469-482.

András A. Benczúr, Zsolt Hernáth, Zoltán Porkoláb: LORD: Lay-Out Relationship and Domain Definition Language, In: Yannis Manolopoulos, Jaroslav Pokorný, Timos K. Sellis (Eds.): ADBIS 2006, Advances in Databases and Information Systems, Communications of the Tenth East-European Conference on Advances in Databases and Information Systems,

Thessaloniki, Hellas, September 3-7, 2006, CEUR Workshop Proceedings, vol.215, pp. 215-230.

Zoltán Porkoláb, József Mihalicza, Ádám Sipos: Debugging C++ template metaprograms, In: Stan Jarzabek, Douglas C. Schmidt, Todd L. Veldhuizen (Eds.): Generative Programming and Component Engineering, 5th International Conference, GPCE 2006, Portland, Oregon, USA, October 22-26, 2006, Proceedings. ACM 2006, ISBN 1-59593-237-2, pp. 255-264.

Zoltán Porkoláb, István Zólyomi: A Feature Composition Problem and a Solution Based on C++ Template Metaprogramming. GTTSE 2006, In: Ralf Lämmel, João Saraiva, Joost Visser (Eds.): Generative and Transformational Techniques in Software Engineering, International Summer School, GTTSE 2005, Braga, Portugal, July 4-8, 2005. Lecture Notes in Computer Science 4143 Springer 2006, ISBN 3-540-45778-X, pp. 459-470.

András A. Benczúr, Zsolt Hernáth, Zoltán Porkoláb: Autonomous Applications - Towards a Better Data Integration Model. In: Johann Eder, Hele-Mai Haav, Ahto Kalja, Jaan Penjam (Eds.): ADBIS 2005, Advances in Databases and Information Systems, Communications of the Ninth East-European Conference on Advances in Databases and Information Systems, Tallinn, Estonia, September 12-15, 2005. CEUR Workshop Proceedings, vol.152, pp. 150-163.

István Zólyomi, Zoltán Porkoláb: Towards a General Template Introspection Library, In: Gabor Karsai, Eelco Visser (Eds.): Generative Programming and Component Engineering: Third International Conference, GPCE 2004, Vancouver, Canada, October 24-28, 2004. Proceedings. Lecture Notes in Computer Science 3286 Springer 2004, ISBN 3-540-23580-9, pp. 266-282.

István Zólyomi, Zoltán Porkoláb, Tamás Kozsik: An Extension to the Subtype Relationship in C++ Implemented with Template Metaprogramming. In: Frank Pfenning, Yannis Smaragdakis (Eds.): Generative Programming and Component Engineering, Second International Conference, GPCE 2003, Erfurt, Germany, September 22-25, 2003, Proceedings. Lecture Notes in Computer Science 2830 Springer 2003, ISBN 3-540-20102-5, pp. 209-227.

Ákos Fóthi, Judit Nyéky-Gaizler, Zoltán Porkoláb: The Structured Complexity of Object-Oriented Programs. In: Mathematical and Computer Modelling, Volume 38, Number 7, October 2003, ISSN 0895-7177, pp. 815-827(13).

Zoltán Porkoláb, Norbert Pataki (eds.): Proceedings of the Workshop on Generative Technologies 2010, WGT 2010 - ETAPS (European Joint Conferences on Theory and Practice of Software, 2010, Paphos, Cyprus.

Károly Tilly, Zoltán Porkoláb: Semantic User Interfaces,
In Madjid Tavana (ed), International Journal of Enterprise Information Systems
(IJEIS), Vol. 6., ISSN: 1548-1115, 2010, pp:29-43.Zalán Szűgyi, Zoltán Porkoláb: Necessary test cases for Decision Coverage and Modified Condition/Decision Coverage, *Periodica Polytechnica*, to appear. 2009.

Zoltán Porkoláb, József Mihalicza, Norbert Pataki, Ádám Sipos: Analysis of Profiling Techniques for C++ Template Metaprograms, Annales Univ. Sci. Budapest., Sect. Comp. 30 (2009), pp.97-116, 2009.

Mihály Biczó, Krisztián Pócza, Zoltán Porkoláb: Runtime Access Control in C# 3.0 Using Extension Methods, Annales Univ. Sci. Budapest., Sect. Comp. 30 (2009), pp.41-60, 2009.

Krisztián Pócza, Mihály Biczó, Zoltán Porkoláb: Towards Detailed Trace Generation Using the Profiler in the .NET Framework, *Annales Univ. Sci. Budapest., Sect. Comp.* 30 (2009), pp.21-40, 2009.

Mihály Biczó, Krisztián Pócza, István Forgács, Zoltán Porkoláb: A New Concept of Effective Regression Test Generation in a C++ Specific Environment. *Acta Cybernetica*, 18(3): pp.481-501, 2008.

Zoltán Porkoláb, Viktória Zsók: Teaching multiparadigm programming based on object-oriented experiences, *Teaching Mathematics and Computer Science* (ISSN: 1589-7389), Institute of Mathematics and Informatics, University of Debrecen, Debrecen, Hungary, Vol. 5 (1), 2007, pp. 171-182.

Ákos Fröhner, Zoltán Porkoláb, László Varga: Code Generation from UML Models, *Periodica Polytechnica* , Ser El. Eng. Vol 44(2000) No. 2., 2000, pp. 141-157.

International Conference Proceedings

Zoltán Borók-Nagy, Viktor Májer, József Mihalicza, Norbert Pataki,
Zoltán Porkoláb: Visualization of C++ Template Metaprograms, In Scam, 10th
IEEE Working Conference on Source Code Analysis and Manipulation, Timisoara,
Romania, September 12-13, 2010, ISBN: 978-0-7695-4178-5, pp.167-176.

Zoltan Porkolab, Abel Sinkovics: Domain-specific Language Integration with
Compile-time Parser Generator Library, In Eelco Visser, Jaakko Jarvi (eds.)
GPCE'10, Proceedings of the ninth International Conference on Generative
Programming and Component Engineering, Eindhoven, Netherlands, October 10-13,
2010, ISBN: 978-1-4503-0154-1, pp.137-146.

Norbert Pataki, Zoltán Porkoláb, Melinda Simon, Zoltán Vincellér:
Measuring Complexity of Embedded SQL Code
In: Janis Grundspenkis, Marite Kirikova, Jannis Manolopoulos, Tadeusz Morzy, Leonids Novickis, Gottfried Vossen (Eds.): ADBIS 2006, Advances in Databases and Information Systems, Communications of the 13th East-European Conference on Advances in Databases and Information Systems, Riga, Latvia, September 7-10, 2009, JUMI Publishing, Riga, Latvia, 2009. ISBN: 978-9984-30-163-1. pp. 117-130.

Zsolt Hernáth, Péter Bauer, Zoltán Porkoláb:
An XML based General Document Algebra supporting conflict resolving in cooperative text editions - HypereiDoc revisited.
In Jari Peltonen (Ed): SPLST'09 & NW-MODE'09, Proceedings of the 11th Symposium of Programming Languages and Software Tools and =th Nordic Workshop on Model Driven Software Engineering, Tampere, Finland, 2009. ISBN: 978-952-15-2212-3. pp. 72-86.

József Mihalicza, Norbert Pataki, Zoltán Porkoláb, Ádám Sipos:
Towards More Sophisticated Access Control
In Jari Peltonen (Ed): SPLST'09 & NW-MODE'09, Proceedings of the 11th Symposium of Programming Languages and Software Tools and =th Nordic Workshop on Model Driven Software Engineering, Tampere, Finland, 2009. ISBN: 978-952-15-2212-3. pp.117-131.

Ábel Sinkovics, Zoltán Porkoláb: Expressing C++ Template Metaprograms as
Lambda expressions In Tenth symposium on Trends in Functional
Programming (TFP '09, Zoltán Horváth, Viktória Zsók, Peter Achten, Pieter Koopman, eds.)
Jun 2 - 4, Komarno, Slovakia 2009., pp. 97-111.

Zalán Szűgyi, Ádám Sipos, Zoltán Porkoláb: Towards the Modularization of C++ Concept Maps, In: Porkoláb Z. et al (eds): - *Proceedings of the Workshop on Generative Technologies*, WGT 2008 Satellite workshop at European Joint Conference on Theory and Practice of Software ETAPS 2008, Budapest, Hungary, April 5, 2008, pp. 33-43, in ENTCS.

Krisztián Pócza, Mihály Biczó, Zoltán Porkoláb: docx2tex: Word 2007 to TeX, TUGBoat, Vol 29 (2008), No. 3, Proceedings of the 2008 Annual meeting (TUG 2008), Cork, Ireland, 2008, pp. 392-400.

Krisztián Pócza, Mihály Biczó, Zoltán Porkoláb: FC#: Designing an Internal Functional DSL to C# 3.0, Proceedings of the Implementation and Application of Functional Languages 20th International Symposium, IFL 2008, Technical Report no. 474 (2008), Hatfield, Hertfordshire (UK), 2008, pages 299-314.

Giovanni Falcone, Yann-Gael Guéhéneuc, Christian Lange, Zoltán Porkoláb, Houari A. Sahraoui (eds): QAOOSE 2008 - *Proceedings of the 12th Workshop on Quantitative Engineering Approaches in Object-Oriented Software at ECOOP*, QAOOSE 2008, Paphos, Cyprus, July 8, 2008, 78 p.

Zoltán Porkoláb, Norbert Pataki (eds): *Proceedings of the 1st Workshop on Generative Technologies*, ETAPS Workshop, Budapest, April 5, 2008, 84 p.

Károly Tilly, Szabolcs Baranyi, Zoltán Porkoláb: Semantic User Interfaces, International Workshop on Semantic-Based Software Development, 2008, pp: XXXX.

Zoltán Porkoláb, Viktória Zsók: Connection between Software Paradigms and Metrics Usage, In: Zajc, B., Trost, A. (eds): *Proceedings of the Sixteenth International Electrotechnical and Computer Science Conference* (ISSN: 1581-4572), ERK 2007, Portorož, Slovenia, 24-26 September, 2007, Volume B, pp. 34-37.

Norbert Pataki, Krisztián Pócza, Zoltán Porkoláb: Toward a Software Metric for Generic Programming Paradigm, In: Zajc, B., Trost, A. (eds): *Proceedings of the Sixteenth International Electrotechnical and Computer Science Conference* (ISSN: 1581-4572), ERK 2007, Portorož, Slovenia, 24-26 September, 2007, Vol. A. pp. 342-345.

Zoltán Porkoláb, Viktória Zsók: Essential knowledge for Multiparadigm Programming, In: Bohanec, M. et al. (eds): *Proceedings of the 10th International Multiconference Information Society* (ISSN: 1581-9973), IS 2007, Ljubljana, Slovenia, 8-12 October, 2007, Volume A, pp. 279-282.

Ádám Sipos, Zoltán Porkoláb, Norbert Pataki, Viktória Zsók: Meta<Fun> – Towards a Functional-Style Interface for C++ Template Metaprograms, In: Chitil, O. (ed): *Proceedings of the Implementation and Application of Functional Languages 19th International Symposium*, IFL 2007, Freiburg, Germany, 27-29 September, 2007, Technical Report No. 12-07 September, 2007, University of Kent, Canterbury, pp. 489-502.

Zoltán Porkoláb, József Mihalicza, Norbert Pataki, Ádám Sipos: Towards Profiling C++ Template Metaprograms, In: Horvath et. al. (eds): *Proceedings of the 10th Symposium on Programming Languages and Software Tools* (ISBN: 978-963-463-925-1), SPLST 2007, Dobogókő, Hungary, June 14-16, 2007, Eötvös University Press, 2007, pp. 96-111.

Mihály Biczó, Krisztián Pócza, Zoltán Porkoláb: Runtime Access Control in C# 3.0 Using Extension Methods,, In: Horvath et. al. (eds): *Proceedings of the 10th Symposium on Programming Languages and Software Tools* (ISBN: 978-963-463-925-1), SPLST 2007, Dobogókő, Hungary, June 14-16, 2007, Eötvös University Press, 2007, pp. 45-60..

Krisztián Pócza, Mihály Biczó, Zoltán Porkoláb: Towards Detailed Trace Generation Using the Profiler in the .NET Framework, In: Horvath et. al. (eds): Proceedings of the 10th Symposium on Programming Languages and Software Tools (ISBN: 978-963-463-925-1), SPLST 2007, Dobogókő, Hungary, June 14-16, Eötvös University Press, 2007, pp. 30-44.

János Kurtz, Zoltán Porkoláb: Cooperative Work and Learning, INTED, *International Technology, Education and Development Conference*, INTED 2007, March 7th-9th, 2007, Valencia, Spain, 10 pages on cd.

Norbert Pataki, Zoltán Porkoláb, Zoltán Istenes: Towards soundness examination of the C++ Standard Library, In: Hudák S., Kollár J. (eds): *Proceedings of the Seventh International Scientific Conference on Electronic Computers and Informatics* (ISBN: 80-8073-598-0), ECI 2006, September 20-22th 2006, Košice-Herlány, 2006, pp. 186-191.

Pócza,K., Biczó,M., Porkoláb,Z.: Towards Effective Runtime Trace Generation Techniques in the .NET Framework, Short Communication Papers Proceedings of the 4th .NET Technologies Conference, Plzen (Czech Republic), 2006 pp. XXXX

Pócza,K., Biczó,M., Porkoláb,Z.: Cross-language Program Slicing in the .NET Framework, Proceedings of the 3rd .NET Technologies Conference, Plzen (Czech Republic), 2005,

Zoltán Porkoláb, Norbert Pataki, Ádám Sipos, Viktória Zsók, Marjan Heričko, Ales Živkovič: Application of OO metrics to estimate .NET project software size, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 293-299.

Norbert Pataki, Tamás Kozsik, Zoltán Porkoláb: Properties of C++ template metaprograms, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 265-270.

Norbert Pataki, Zoltán Porkoláb, Edit Csizmás: Why code complexity metrics fail on the C++ standard template library, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 271-276.

Mihály Biczó, Krisztián Pócza, Zoltán Porkoláb: Inter-procedural static slicing using advanced caching algorithm, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 207-218.

Krisztián Pócza, Mihály Biczó, Zoltán Porkoláb: Runtime Access Control in C#, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 277-284.

Zoltán Porkoláb, Roland Király, Ilir Kurti: Supporting parametric polymorphism in CORBA IDL, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 285-292.

Ádám Sipos, István Zólyomi, Zoltán Porkoláb: On the correctness of template metaprograms, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 301-308.

Zalán Szűgyi, Zoltán Porkoláb: SIP compression in mobile device environment, In: Kovács E. et al (eds): Proceedings of 7th International Conference on Applied Informatics, ICAI 2007, Eger, Hungary, January 28-31, 2007, B.V.B. Press, Vol. II., pp. 317-326.

Zoltán Porkoláb, Ádám Sillye: Comparison of Object-Oriented and Paradigm Independent Software Complexity Metrics, In: Csőke L. et al. (eds): Proceedings of 6th International Conference on Applied Informatics, ICAI 2004, Eger, Hungary, January 27-31, 2004, B.V.B. Press, pp. 435-444.

István Zólyomi, Zoltán Porkoláb: A generative approach for family polymorphism in C++, In: Csőke L. et al. (eds): Proceedings of 6th International Conference on Applied Informatics, ICAI 2004, Eger, Hungary, January 27-31, 2004, B.V.B. Press, pp. 445-454.

László Kozma, Ákos Fröhner, Tamás Kozsik, Zoltán Porkoláb: Beyond 2000, Beyond Object-Orientation, In: Csőke L. et al. (eds): Proceedings of 5th International Conference on Applied Informatics, ICAI 2001, Eger, Hungary, January 2001, pp. 125-134.

Zoltán Porkoláb, Róbert Kisteleki: Alternative Generic Libraries, In: Emőd Kovács et al. (eds): Proceedings of 4th International Conference on Applied Informatics, ICAI 1999, Eger-Noszvaj, Hungary, January 1999, pp. 79-86.

Zoltán Porkoláb: Implementing Distributed CORBA Objects in Java, In: Emőd Kovács et al. (eds): Proceedings of 3rd International Conference on Applied Informatics, ICAI 1997, Eger-Noszvaj, Hungary, January 1997, pp. 359-368.

Norbert Pataki, Melinda Simon, Zoltán Porkoláb: The AV-graph in SQL-Based Environment, In: Giovanni Falcone, Yann-Gael Guéhéneuc, Christian Lange, Zoltán Porkoláb, Houari A. Sahraoui (eds): QAOOSE 2008 - *Proceedings of the 12th Workshop on Quantitative Engineering Approaches in Object-Oriented Software at ECOOP*, QAOOSE 2008, Paphos, Cyprus, July 8, 2008, pp. 11-20.

Zoltán Porkoláb, Viktória Zsók: Essential knowledge for Multiparadigm Programming, In: Bohanec, M. et al. (eds): *Proceedings of the 10th International Multiconference Information Society* (ISSN: 1581-9973), IS 2007, Ljubljana, Slovenia, 8-12 October, 2007, Volume A, pp. 279-282.

Ales Zivkovic, Marjan Hericko, Zoltán Porkoláb: Evaluating the Correlation between Code Quality, Software Size and Effort, In: Bohanec, M. et al. (eds): *Proceedings of the 10th International Multiconference Information Society* (ISSN: 1581-9973), IS 2007, Ljubljana, Slovenia, 8-12 October, 2007, Volume A, XXXX.

Ádám Sipos, Zoltán Porkoláb, Norbert Pataki, Viktória Zsók: Meta<Fun> – Towards a Functional-Style Interface for C++ Template Metaprograms, In: Chitil, O. (ed): *Proceedings of the Implementation and Application of Functional Languages 19th International Symposium, IFL 2007*, Freiburg, Germany, 27-29 September, 2007, Technical Report No. 12-07 September, 2007, University of Kent, Canterbury, pp. 489-502.

Zoltán Porkoláb, Viktória Zsók: Connection between Software Paradigms and Metrics Usage, In: Zajc, B., Trost, A. (eds): *Proceedings of the Sixteenth International Electrotechnical and Computer Science Conference* (ISSN: 1581-4572), ERK 2007, Portorož, Slovenia, 24-26 September, 2007, Volume B, pp. 34-37.

Ádám Sipos, Norbert Pataki, Zoltán Porkoláb: Lazy data Types in C++ Template Metaprograms, Proceedings of MPOOL Workshop, ECOOP 2007, Berlin, Germany,

Zoltán Porkoláb, Ádám Sipos, Norbert Pataki: Inconsistencies of Metrics in C++ Standard Template Library, ECOOP 2007, In: Abreu, Calero, Gehéneuc, Lange, Lanza, Houari, Sahraoui, Cebulla (eds): *Proceedings of the 11th ECOOP Workshop on Quantitative Approaches in Object-Oriented Software*, QAOOSE 2007, Berlin, pp. 2-6

Zoltán Porkoláb, Viktória Zsók: Teaching Multiparadigm Programming Based on Object-Oriented Programming, *10th Workshop on Pedagogies and Tools for the Teaching and Learning of Object-Oriented Concepts*, TLOOC 2006 at 20th European Conference on Object-Oriented Programming, ECOOP 2006, Nantes, France, 3rd July, 2006, Összefoglaló: Object-Oriented Technology, ECOOP 2006 Workshop Reader, ECOOP 2006 Workshops, Nantes, France, July 3-7, 2006, Final Reports, LNCS 4379, Springer Verlag, 2007, pp. 146-156.

Norbert Pataki, Ádám Sipos, Zoltán Porkoláb: Measuring the Complexity of Aspect-oriented Programs, ECOOP 2006, QAOOSE pp. 1-10, Nantes.

Norbert Pataki, Ádám Sipos, Zoltán Porkoláb: Measuring the Complexity of Aspect-oriented Programs, ECOOP 2006, PhD Student Workshop, Nantes.

Hungarian Journal in Hungarian

Dr. Porkoláb Zoltán, Sipos Ádám, Pataki Norbert: Parametrikus polimorfizmus a modern programozási nyelvekben, A GAMF Közleményei, XXI. Évfolyam, 2006-2007, pp. 25-31.

Conference proceedings in Hungarian

Pataki Norbert, Porkoláb Zoltán, Szűgyi Zalán: A C++ programozási nyelv ismeretének számonkérése (Gauging the Knowledge of the C++ Programming Language), In: Pethő A., Herdon M. (szerk.): *Informatika a Felsőoktatásban 2008* (ISBN 978-963-473-129-0), Debrecen, 2008. augusztus 27-29, Debreceni Egyetem, Informatikai Kar, 2008. Összefoglaló: 110. oldal, teljes cikk cd-n: 7 oldal.

Porkoláb Z., Kozsik T., Zsók V.: Új szoftverparadigmák nyelvi támogatása: a jelen oktatása - a holnap technológiája (Language Support for New Software Paradigms: Present Education – Future Technology), In: Pethő A., Herdon M. (szerk.): *Informatika a Felsőoktatásban 2005* (ISBN: 963-472-909-6), Debrecen, 2005.

augusztus 24-26, Debreceni Egyetem, Informatikai Kar, 2005. Összefoglaló: 195. oldal, teljes cikk cd-n: 5 oldal.

Hegedűs Hajnalka, Horváth Zoltán, Porkoláb Zoltán: Programozási nyelvek a dokumentumkezelésben, In: Pethő A., Herdon M. (szerk.): *Informatika a Felsőoktatásban 2005* (ISBN: 963-472-909-6), Debrecen, 2005. augusztus 24-26, Debreceni Egyetem, Informatikai Kar, 2005. Összefoglaló: XXX. oldal, teljes cikk cd-n: XXX oldal.

Judit Nyéky-Gaizler, Tamás Kozsik, Zoltán Porkoláb: Az adattípus a programozási nyelvekben In: Arató P., Herdon M. (szerk.): *Informatika a felsőoktatásban 2002* (ISBN: 963-472-691-7), Debrecen, 2002. augusztus 28-30, Debreceni Egyetem, Informatikai Kar, 2002. Összefoglaló: XX. oldal, teljes cikk cd-n pp. XXXX.

Porkoláb Zoltán: C++ Standard Template Library, II. Országos Objektumorientált Konferencia, Visegrád, 1997., pp. 31-37.

Zoltán Porkoláb: Object Oriented Techniques Implementing Distributed CORBA Objects in JAVA, II. Országos Objektumorientált Konferencia, Visegrád, 1997., pp. 103-111.

Csizmazia Balázs, Porkoláb Zoltán, Vincellér Zoltán: Az Internet hálózat alkalmazása, HUNIX'93 Konferencia, Ed: NJSZT, Budapest, 1993., pp. 23-27.

Csizmazia Balázs, Porkoláb Zoltán, Vincellér Zoltán: Osztott Funkciók Implementálása, HUNIX'92 Konferencia, Ed: NJSZT, Gödöllő, 1992., pp. 53-62.

Book chapters

Porkoláb Zoltán: Generikusok, In: Nyékyné Gaizler J. (ed.) et al.: [Java 2 Útikalauz Java programozóknak](#) 5.0, Budapest, ELTE TTK Hallgatói Alapítvány, 2009, Vol. I., pp. 90-111.

Porkoláb Zoltán: A CORBA és Java kapcsolata, In: Nyékyné Gaizler J. (ed.) et al.: [Java 2 Útikalauz Java programozóknak](#) 5.0, Budapest, ELTE TTK Hallgatói Alapítvány, 2009, Vol. II., pp. 70-85.

Porkoláb Zoltán: Perzisztencia, In: Nyékyné Gaizler J. (ed.) et al.: [Java 2 Útikalauz Java programozóknak](#) 5.0, Budapest, ELTE TTK Hallgatói Alapítvány, 2009, Vol. II., pp. 152-170.

Balázs Iván József, Porkoláb Zoltán: A Java nyelvről C++ programozóknak, In: Nyékyné Gaizler J. (ed.) et al.: [Java 2 Útikalauz Java programozóknak](#) 5.0, Budapest, ELTE TTK Hallgatói Alapítvány, 2009, Vol. II., pp. 420-447.

Porkoláb Zoltán: A szoftver társadalomtörténete (1), In: Z. Karvalics László, Juhász Lilla (eds): Társadalmi informatika I., Budapest, Információs Társadalomért Alapítvány, 2008, pp. 125-142.

Porkoláb Zoltán: A CORBA és Java kapcsolata, In: Nyékyné Gaizler J. (ed.) et al.: [J2EE Útikalauz Java programozóknak](#), Budapest, ELTE TTK Hallgatói Alapítvány, 2002, Vol. I., pp. 225-259.

Porkoláb Zoltán: Hatókör, élettartam (pp. 16), In: Nyékyné Gaizler J. (ed.) et al.: *Programozási nyelvek*, Budapest, Kiskapu Kiadó, 2003.

Porkoláb Zoltán: A CORBA és Java kapcsolata, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak 1.3*, Budapest, ELTE TTK Hallgatói Alapítvány, 2001, Vol. I., pp. 555-573.

Porkoláb Zoltán: Perzisztencia, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak 1.3*, Budapest, ELTE TTK Hallgatói Alapítvány, 2001, Vol. I., pp. 620-643.

Balázs Iván József, Porkoláb Zoltán: A Java nyelvről C++ programozóknak, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak 1.3*, Budapest, ELTE TTK Hallgatói Alapítvány, 2001, Vol. II., pp. 200-231.

Porkoláb Zoltán: A CORBA és Java kapcsolata, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak*, Budapest, ELTE TTK Hallgatói Alapítvány, 1999, Vol. I., pp. 415-433.

Porkoláb Zoltán: Perzisztencia, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak*, Budapest, ELTE TTK Hallgatói Alapítvány, 1999, Vol. I., pp. 464-487.

Porkoláb Zoltán: Perzisztencia, In: Nyékyné Gaizler J. (ed.) et al.: *Java 1.1 útikalauz programozóknak*, Budapest, ELTE TTK Hallgatói Alapítvány, 1997, Vol. I., pp. 241-257.

Porkoláb Zoltán: CORBA, In: Nyékyné Gaizler J. (ed.) et al.: *Java 1.1 útikalauz programozóknak*, Budapest, ELTE TTK Hallgatói Alapítvány, 1997, pp. 280-296.

Book translation

Porkoláb Zoltán: A C++ programozási nyelv könyv fordításának vezetője, (Bjarne Stroustrup: The C++ programming language, special edition), Kiskapu Kiadó, Budapest, 2002, 1305 pages.

Abstracts in international conference proceedings

Ádám Sipos, Zoltán Porkoláb, Viktória Zsók: Meta<Fun> – Towards a Functional-Style Interface for C++ Template Metaprograms, *7th Joint Conference on Mathematics and Computer Science*, MaCS 2008, Book of Abstracts, Cluj-Napoca, Romania, July 3–6, 2008, Babeş-Bolyai University, pp 54.

Zoltán Porkoláb, Norbert Pataki, Ádám Sipos, Viktória Zsók, Marjan Heričko, Ales Živkovič: Application of OO metrics to estimate .NET project software size, *7th International Conference on Applied Informatics*, ICAI 2007, Eger, Hungary, January 28-31, 2007,

Norbert Pataki, Ádám Sipos, Zoltán Porkoláb: Structural Complexity Metrics on SDL Programs (extended abstract), In proc. of CSCS 2006, Szeged, 2006.

Ádám Sipos, Norbert Pataki, Zoltán Porkoláb: On Multiparadigm Software Complexity Metrics (extended abstract), In Proc. of 6th Joint Conference on Mathematics and Computer Science, Pécs, 2006.

Other

Porkoláb Zoltán, Pataki Norbert, Sipos Ádám: A generikus programozás hatása a szoftverbonyolultságra, 2007 (Technical report), ELTE IKKK.

Porkoláb Zoltán, Pataki Norbert, Sipos Ádám: Jelenleg használatos szoftvermetrikák összehasonlító elemzése, 2006 (Technical report), ELTE IKKK.

Porkoláb Zoltán, Pataki Norbert, Sipos Ádám: Java programok bonyolultságát mérő program, Eclipse plugin, 2005 (Technical report), ELTE, IKKK.

Sipos Ádám, Pataki Norbert, Porkoláb Zoltán, Marjan Hericko, Ales Zivkovics: Metrikák alkalmazása .NET projektek méretének a becslésére (poszter), ELTE, Ipari Nap, 2007, Budapest

Porkoláb Zoltán, József Mihalicza, Ádám Sipos, Norbert Pataki: Templight, a Template Metaprogram Debugger, poster, in ECOOP 2007, Berlin, Germany, 2007.

Porkoláb Zoltán, József Mihalicza, Ádám Sipos, Norbert Pataki: Templight, a Template Metaprogram Debugger, demo, in ECOOP 2007, Berlin, Germany, 2007.

Pataki Norbert, Sipos Ádám, Dr. Porkoláb Zoltán: Paradigma-független metrika alkalmazásai (poszter), IKKK Konferencia, 2006, Budapest

Keynotes

Zoltán Porkoláb: On the new C++ standard, Keynote, ICAI 2010, January 30, 2010, Eger, Hungary.

Zoltán Porkoláb: Metaprogramming - From University to Industry, Keynote, OTS 2007, July 14, 2007., Maribor, Slovenia.

Zoltán Porkoláb: Uncovering the Textual Structure of the Palimpsest