Publikációs lista
Zsók Viktória

Lektorált és referált közlemények

a. Lektorált és referált külföldi folyóiratcikk

1. *Zsók V.*, Hernyák Z., Horváth Z.: Designing Distributed Computational Skeletons in D-Clean and D-Box, In: Horváth Z. (ed): *Central European Functional Programming School,* CEFP 2005, First Summer School, Budapest, Hungary, July 4-15, 2005, Revised Selected Lectures, *Lecture Notes in Computer Science* (ISSN: 0302-9743) LNCS Vol. 4164, Springer Verlag, 2006, pp. 223-256.

2. Horváth Z., *Zsók V.*, Serrarens P., Plasmeijer R.: Parallel Elementwise Processable Functions in Concurrent Clean, Selected paper of ICAI 2001, *Mathematical and Computer Modelling* (ISSN: 0895-7177), Vol. 38 (7-9), Elsevier, 2003, pp. 865-875.

b. Lektorált és referált idegen nyelvű, itthoni kiadású, nemzetközi folyóiratcikk

3. Horváth Z., Hernyák Z., *Zsók V.*: Coordination Language for Distributed Clean, *Acta Cybernetica* (ISSN: 0324-721 X), Vol. 17 (2), Institute of Informatics, University of Szeged, Szeged, Hungary, 2005, pp. 247-271. Selected publication of CSCS PhD Conference in Computer Science.

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

Nemzetközi konferencia-kiadványban megjelent lektorált cikk

5. Sipos Á., *Zsók V.*: EClean - An Embedded Functional Language, 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. 1-12, final version to appear in ENTCS.

6. *Zsók V.,* Hernyák Z., Horváth Z.: Improving the Distributed Elementwise Processing Implementation in D-Clean, In: Horváth Z., Kozma L, Zsók V. (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. 256-264.

7. Horváth Z., *Zsók V.*: International Cooperation in Computer Science, *Proceedings of International Technology, Education and Development Conference* (ISBN: 978-84-611-4517-1), INTED 2007, Valencia, Spain, March 7th-9th, 2007, International Association of Technology, Education and Development (IATED), 2007, 8 pages on cd.

8. Horváth Z., Csörnyei Z., Lövei L., *Zsók V.*: Functional Programming Concepts in Computer Science Education. 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. 174-179.

9. *Zsók V., Hernyák Z., Horváth Z.*: Distributed Pattern Design in D-Clean, In: Vene V., Meriste M. (eds): *Proceedings of the Ninth Symposium on Programming Languages and Software Tools* (ISBN: 9949-11-113-7), SPLST 2005, Tartu, Estonia, 13-14 August, 2005, Tartu University Press, 2005, pp. 220-234.

10. *Zsók V.*, Hernyák Z., Horváth Z.: Distributed Pattern Design in D-Clean, *Central European Functional Programming School*, CEFP 2005, ELTE, Budapest, Hungary, July 4-15, 2005, Lecture Notes, 33 pages, http://plc.inf.elte.hu/cefp/download/dclean_dbox_lecturenotes.pdf.

11. Horváth Z., Varga Z., *Zsók V.*: Clean-CORBA Interface for Parallel Functional Programming on Clusters, In: Pekka Kilpeläinen, Niina Päivinen (eds): *Proceedings of the Eighth Symposium on Programming Languages and Software Tools* (ISBN 951-781-265-5), SPLST'03, Kuopio, Finland, June 17-18, 2003, Report A/2003/1, University of Kuopio, pp. 127-136.

Referált nemzetközi konferencia-kiadványban megjelent cikk

12. Porkoláb Z., Pataki N., Sipos Á., *Zsók V.*, M. Heričko, A. 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.

13. Hernyák Z., Horváth Z., *Zsók V.*: Clean-CORBA Interface Supporting Pipeline Skeleton, 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, Vol. I., pp. 191-200.

13a. Position paper version: Horváth Z., *Zsók V.*, Hernyák Z.: Implementing Pipeline Skeleton in Clean using CORBA Channels, *Proceedings of the Workshop on Multiparadigm Programming with Object-Oriented languages*, MPOOL 2004, Workshop #11 at *18th European Conference on Object-Oriented Programming*, ECOOP 2004, University of Oslo, Oslo, Norway, June 15, 2004, 6 pages.

Nemzetközi konferencia közleményében megjelent cikk

14. Porkoláb Z., *Zsók V.*: 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.

15. Sipos Á., Porkoláb Z., Pataki N., *Zsók V.*: 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.

16. Porkoláb Z., *Zsók V.*: 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.

17. *Zsók V., Hernyák Z.*, Horváth Z.: Distributed Computation on Cluster using D-Clean and D-Box, Extended abstract, In: Davis, K., Quintino, T., Striegnitz, J. (eds): *5th Workshop on*

Parallel/High Performance Object-Oriented Scientific Computing, POOSC'06 at *20th European Conference on Object-Oriented Programming*, ECOOP 2006, Nantes, France, 3rd July, 2006, 3 pages.
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. 141-145.

18. Porkoláb Z., Zsók V.: 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,
http://www.cs.umu.se/~jubo/Meetings/ECOOP06/Submissions/
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.

19. *Zsók V.,* Horváth Z., Hernyák Z.: Distributed Elementwise Processing in D-Clean, In: Nilsson, H. (ed): *Proceedings of the Seventh Symposium on Trends in Functional Programming*, TFP 2006, Nottingham, UK, 19-21 April, 2006, The University of Nottingham, pp. 378-386.

20. Horváth Z., Hernyák Z., *Zsók V.*: Implementing Distributed Skeletons using D-Clean and D-Box, In: Butterfield, A. (ed): *Proceedings of the 17th International Workshop on Implementation and Application of Functional Languages,* IFL 2005, Dublin, Ireland, September 19-21, 2005, pp. 1-16.

21. Hernyák Z., Horváth Z., *Zsók V.:* Design of Language Elements for Dynamic Distributed Computation of Clean Expressions on Clusters, In: Loidl, H-W. (ed): *Proceedings of Fifth Symposium on Trends in Functional Programming*, TFP 2004, Munich, Germany, November 25-26, 2004, Ludwig-Maximilians University, pp. 257-270.

22. *Zsók V.,* Horváth Z., Varga Z.: Functional Programs on Clusters, In: Striegnitz, Jörg, Davis, Kei (eds): *Proceedings of the Workshop on Parallel/High-Performance Object-Oriented Scientific Computing*, POOSC'03 at *17th European Conference on Object-Oriented Programming* ECOOP 2003, Darmstadt, Germany, July 22, 2003, Technical Report FZJ-ZAM-IB-2003-09, Forschungszentrum Jülich, Germany, July 2003, pp. 93-100.
Összefoglaló: *Object-Oriented Technology, ECOOP 2003 Workshop Reader*, ECOOP 2003 Workshops, Darmstadt, Germany, July 21-25, 2003, Final Reports, LNCS 3013, Springer Verlag, 2004, pp. 11-16.

Külföldön megjelent könyv szerkesztése

23. Horváth Z., Plasmeijer R., Soós A., *Zsók V.* (eds): *Central European Functional Programming School*, Second Summer School, CEFP 2007, Cluj-Napoca, Romania, June 23-30, 2007, Revised Selected Lectures, *Lecture Notes in Computer Science* (ISSN: 0302-9743 Print, 1611-3349 Online) LNCS Vol. 5161, Springer Verlag, 2008, 301 p.
Online: http://www.springerlink.com/content/978-3-540-88058-5

24. Chitil, O., Horváth Z., *Zsók V.* (eds): *Implementation and Application of Functional Languages*, 19th International Symposium, IFL 2007, Freiburg, Germany, September 27-29, 2007, Revised Selected Papers, *Lecture Notes in Computer Science* (ISSN: 0302-9743 Print, 1611-3349 Online) LNCS Vol. 5083, Springer Verlag, 2008, 273 p.
Online: http://www.springerlink.com/content/978-3-540-85372-5

25. Horváth Z., *Zsók V.*, Butterfield A. (eds): *Implementation and Application of Functional Languages*, 18th International Symposium, IFL 2006, Budapest, Hungary, September 4-6, 2006, Revised

Selected Papers, *Lecture Notes in Computer Science* (ISSN: 0302-9743 Print, 1611-3349 Online) LNCS Vol. 4449, Springer Verlag, 2007, 270 p.
Online: http://www.springerlink.com/content/978-3-540-74129-9

26. *Zsók V.*, Juhász I. (eds): Poster Session, In: Frohner Á. (ed): *Object-Oriented Technology, ECOOP 2001 Workshop Reader: Workshops, Panel and Posters*, Budapest, Hungary, June 18-22, 2001, Proceedings, *Lecture Notes in Computer Science* (ISSN: 0302-9743 Print, 1611-3349 Online) LNCS Vol. 2323, Springer Verlag, 2002, pp. 213-223.

Nemzetközi tudományos konferencia kiadvány szerkesztése

27. Horváth Z., Kozma L., *Zsók V.* (eds): *Proceedings of the 10th Symposium on Programming Languages and Software Tools, SPLST 2007,* Dobogókő, Hungary, June 14-16, 2007, ELTE Eötvös Kiadó (ISBN: 978-963-463-925-1), Budapest, 2007, 491 p.

28. Horváth Z., *Zsók V.* (eds): *Proceedings of the 18th International Symposium on Implementation and Application of Functional Programming Languages*, ELTE IK TR 2006-S01 (ISBN: 963-463-876-7), Budapest, 2006, 517 p.

29. Zsók V. (szerk.): XXVII. OTDK : Országos Tudományos Diákköri Konferencia Informatika Tudományi Szekció Budapest, 2005. március 21-23, Konferencia-kiadvány, ELTE IK (ISBN: 963-463-742-6), Budapest, 2005, 153 p.

Hazai konferenciák közleményeiben megjelent cikk

30. Porkoláb Z., Kozsik T., *Zsók V.*: Új szoftverparadigmák nyelvi támogatása: a jelen oktatása - a holnap technológiája (Programming 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.

31. Horváth Z., Csörnyei Z., Lövei L., *Zsók V.*: Funkcionális programozás témakörei a programtervező képzésben (Functional Programming in Computer Science Education), 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: 189. oldal, teljes cikk cd-n: 7 oldal.

32. *Zsók V.*, Horváth Z., Tejfel M.: Párhuzamos funkcionális programozás (Parallel Functional Programming), 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: 203. oldal, teljes cikk cd-n pp. 1085-1094.

33. Hegedűs H., Horváth Z., *Zsók V.*: Haskell és a Clean nyelv összehasonlító elemzése (Comparative Analysis of Haskel and Clean), 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: 202. oldal, teljes cikk cd-n pp. 1075-1084.

Könyvfejezetek társszerzője

34. *Zsók V.*, Tejfel M.: Párhuzamos nyelvi elemek (pp. 500-559); *Zsók V.*, Tejfel M., Horváth Z.: Párhuzamos kiértékelés és elosztott programok (pp. 625-634), In: Nyékyné Gaizler J. (ed.) et al.: *Programozási nyelvek*, Budapest, Kiskapu Kiadó, 2003.

35. Csepregi Sz., *Zsók V.*: Eszközök és nemzetközi programozás, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak 1.3,* Budapest, ELTE TTK Hallgatói Alapítvány, 2001, Vol. I., pp. 134-145.

36. *Zsók V.*: A java.awt, java.util, java.text, java.rmi csomagok referenciája, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 referencia 1.3*, Budapest, ELTE TTK Hallgatói Alapítvány, 2001, pp. 5-43, pp. 344-368, pp. 334-343, pp. 234-260.

37. *Zsók V.*: Típusok és kifejezések (pp. 35-90), Taszkok (pp. 309-332), In: Nyékyné Gaizler J. (ed.) et al.: *Az Ada95 programozási nyelv*, Egyetemi tankönyv, Budapest, ELTE Eötvös Kiadó, 1999.

38. *Zsók V.*: A java.rmi csomag referenciája, In: Nyékyné Gaizler J. (ed.) et al.: *Java 2 útikalauz programozóknak*, Budapest, ELTE TTK Hallgatói Alapítvány, 1999, Vol. III., pp. 227-253.

Könyvfordítás

39. *Zsók V.*: Kölcsönös kizárás, In: Iványi A. (szerk.): *Osztott algoritmusok* (Lynch, Nancy Ann: Distributed Algorithms könyv fordítása), Kiskapu Kiadó, Budapest, 2002, pp. 230-307.

Kutatási jelentés

40. *Zsók V.*, Horváth Z.: Skeleton Algorithms in Concurrent Clean, http://aszt.inf.elte.hu/~grid, 2003.

Nemzetközi konferenciák közleményeiben megjelent absztrakt

41. Sipos Á., Porkoláb Z., *Zsók V.*: 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.

42. Zsók V., Hernyák Z., Horváth Z.: Distributed Elementwise Processing in D-Clean and D-Box, *2nd Central-European Functional Programming School*, CEFP 2007, Cluj-Napoca, Romania, PhD Workshop, Abstracts, Babeş-Bolyai University, 2 pages.

43. Horváth Z., *Zsók V.*: International Cooperation in Computer Science, *International Technology, Education and Development Conference, Abstracts Book*, (ISBN: 978-84-611-4516-4), INTED 2007, March 7th-9th, 2007, Valencia, Spain, pp. 243.

44. *Zsók V.*: Semantic Issues of D-Clean, *7th International Conference on Applied Informatics*, ICAI 2007, Eger, Hungary, January 28-31, 2007, http://icai.ektf.hu/abstracts/vzs.pdf.

45. Porkoláb Z., Pataki N., Sipos Á., *Zsók V.*, M. Heričko, A. 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,
http://icai.ektf.hu/abstracts/zp_np_as_vzs_mh_az.pdf.

46. Hernyák Z., Horváth Z., *Zsók V.*: Implementing a Distributed Skeleton in D-Clean, In: Horváth Z., *Zsók V.* (eds): *Proceedings of the 18th International Symposium on Implementation and Application of Functional Programming Languages*, ELTE IK TR 2006-S01, ISBN 963-463-876-7, 2006, pp. 145.

47. Hernyák Z., Horváth Z., *Zsók V.*: Control Language for Distributed Clean, *Conference of PhD Students in Computer Science, Volume of Extended Abstracts*, Szeged, Hungary, July 1-4, 2004, pp. 54.

48. Horváth Z., *Zsók V.*: Verification of Functional Skeletons, *5th Joint Conference on Mathematics and Computer Science, Abstracts,* Debrecen, Hungary, June 9–12, 2004, pp. 48.

49. *Zsók V.*, Horváth Z., Tejfel M.: Parallel Functional Programming on Cluster, *Conference of PhD Students in Computer Science, Volume of Extended Abstracts*, Szeged, Hungary, July 1-4, 2002, pp. 114.

50. *Zsók V.*, Horváth Z.: Skeleton Algorithms in Concurrent Clean, *4th Joint Conference on Mathematics and Computer Science, Abstracts*, Felix-Nagyvárad, Romania, June 5-10, 2001, pp. 99.

51. Horváth Z., *Zsók V.*, Serrarens P., Plasmeijer R: Parallel Functional Reactive Skeletons in Concurrent Clean, *Conference of PhD Students in Computer Science, Volume of Extended Abstracts*, Szeged, Hungary, July 20-23, 2000, pp. 50.

52. Horváth Z., *Zsók V.*, Serrarens P., Plasmeijer R.: Parallel Functional Skeletons in Concurrent Clean, *3rd Joint Conference on Mathematics and Computer Science*, Visegrád, Hungary, June 6-12, 1999, pp. 37.

Szakmai tudományos előadások - idegen nyelven

1. Zsók V.: *Funkcionális programozás – párhuzamos nyelvi elemek*, CEEPUS vendégelőadás, Szabadkai Műszaki Szakfőiskola, Szabadka, Szerbia, Június 3, 2008.

2. Zsók V.: *On Functional Distributed Computation in D-Clean*, CEEPUS guest lecture, Technical University of Kosice, Kosice, Slovakia, April 23, 2008.

3. Zsók V.: *Funkcionális programozás – párhuzamos nyelvi elemek*, CEEPUS vendégelőadás, Selye János Egyetem, Komárom, Szlovákia, Március 12, 2008.

4. Zsók V.: *JoCaML – Concurrent Programming*, CEEPUS guest lecture, Technical University of Kosice, Kosice, Slovakia, May 2, 2007.

5. Zsók V.: *Parallel Functional Programming*, CEEPUS guest lecture, Constantine the Philosopher University in Nitra, Nitra, Slovakia, April 19, 2007.

6. Zsók V.: *Implementing Distributed Skeletons using D-Clean and D-Box*, CEEPUS guest lecture, University of Novi Sad, Novi Sad, Serbia, April 4, 2007.

7. Zsók V.: *JoCaML – Concurrent and Distributed Programming*, SOCRATES ERASMUS guest lectures, University of Nantes, Nantes, France, June 27-29, 2006.

8. Zsók V.: *Skeletons in D-Clean and D-Box*, CEEPUS guest lecture, Technical University of Kosice, Kosice, Slovakia, April 12, 2006.

9. Zsók V.: *Parallel Functional Programming*, SOCRATES ERASMUS guest lectures (8), full course, 108 slides, Helsinki, Finland, May 23-26, 2005.

10. Zsók V.: *Concurrent Programming*, CEEPUS guest lecture, Constantine the Philosopher University in Nitra, Nitra, Slovakia, April, 2005.

11. Zsók V.: *JoCaML – Concurrent and Distributed Programming*, CEEPUS guest lectures, Research Institute for Symbolic Computation (RISC), Johannes Kepler University, Linz, Austria, July, 2004.

12. Zsók V.: *Parallel Functional Programming*, SOCRATES ERASMUS guest lectures (8), full course, 96 slides, Tampere University of Technology, Tampere, Finland, March 15-19, 2004.

13. Zsók V.: *Parallel Language Elements in Functional Languages*, CEEPUS guest lecture, Paisii Hilendarski University, Plovdiv, Bulgaria, June 26, 2003.

14. Zsók V.: *Verified Mobile Code in Functional Environment*, Research Institute for Symbolic Computation (RISC), Johannes Kepler University, Linz, Austria, December, 2002.

15. Zsók V.: *Concurrency Constructs of Functional Languages*, Research Institute for Symbolic Computation (RISC), Johannes Kepler University, Linz, Austria, November, 2002.

16. Zsók V.: *Parallel Elementwise Processable Functions in Concurrent Clean*, CEEPUS guest lecture, Paisii Hilendarski University, Plovdiv, Bulgaria, June, 2002.