

Scientific publications of Tarmo Uustalu

Author profiles:

ORCID, WoS (Publons), Scopus, Google Scholar, DBLP, ACM DL, Math Reviews, Zbl Math, MGP

Journal articles

1. S. Katsumata, D. McDermott, T. Uustalu, N. Wu. Flexible presentations of graded monads. *Proc. of ACM on Program. Lang.*, v. 6, n. ICFP (Proc. of 27th ACM SIGPLAN Int. Conf. on Functional Programming, ICFP '22, Ljubljana, Sept. 2022), art. 123, 29 pp., 2022. doi:10.1145/3547654 Acceptance rate: 35/102 1.1
WoS [SCI-EXPANDED] 000851562000034, Scopus 2-s2.0-2-s2.0-85137043087)
2. J. Espírito Santo, L. Pinto, T. Uustalu. Plotkin's call-by-value λ -calculus as a modal calculus. *J. of Log. and Algebraic Methods in Program.*, v. 127, art. 100775, 17 pp., 2022. doi:10.1016/j.jlamp.2022.100775 1.1
WoS [SCI-EXPANDED] 000799966300001, Scopus 2-s2.0-85129234344, MR 4420535, Zbl 07531442
3. T. Uustalu, N. Veltri, N. Zeilberger. Eilenberg-Kelly reloaded. *Electron. Notes in Theor. Comput. Sci.*, v. 352 (P. Johann, ed., Proc. of 36th Conf. Mathematical Foundations of Programming Semantics, MFPS XXXVI, Paris, June 2020), pp. 233–256. 2020. doi:10.1016/j.entcs.2020.09.012 Acceptance rate: 13/23 1.1
WoS [CPCI-S] 000582228200012, Scopus 2-s2.0-85101225913, MR 4194097, Zbl 07377679
4. H. Maarand, T. Uustalu. Operational semantics with semicommutations. *J. of Log. and Algebraic Methods in Program.*, v. 121, art. 100677, 27 pp., 2021. doi:10.1016/j.jlamp.2021.100677 1.1
WoS [SCI-EXPANDED] 000653017200003, Scopus 2-s2.0-85104417236, MR 4245391, Zbl 07377679
5. H. Maarand, T. Uustalu. Certified normalization of generalized traces. *Innov. in Syst. and Softw. Engin.*, v. 15, n. 3–4, pp. 153–165, 2019. doi:10.1007/s11334-019-00347-1 1.1
WoS [ESCI] 000482389700006, Scopus 2-s2.0-85067808291
6. T. Uustalu, N. Veltri, N. Zeilberger. The sequent calculus of skew monoidal categories. *Electron. Notes in Theor. Comput. Sci.*, v. 341 (S. Staton, ed., Proc. of 34th Conf. on Mathematical Foundations of Programming Semantics, MFPS XXXIV, Halifax, NS, June 2018), pp. 345–370, 2018. doi:10.1016/j.entcs.2018.11.017 Acceptance rate: 17/24 1.1
WoS [CPCI-S] 000452898800017, Scopus 2-s2.0-85058062732, MR 3899699, Zbl 07517285, Compendex 20185006230530
7. J. Chapman, T. Uustalu, N. Veltri. Quotienting the delay monad by weak bisimilarity. *Math. Struct. in Comput. Sci.*, v. 29, n. 1, pp. 67–92, 2019. doi:10.1017/s0960129517000184 1.1
WoS [SCI-EXPANDED & CPCI-S] 000451889100004, Scopus 2-s2.0-85032199059, MR 3882318, Zbl 06988321, Compendex 20174404321325
8. J. Chapman, T. Uustalu, N. Veltri. Formalizing restriction categories. *J. of Formaliz. Reason.*, v. 10, n. 1, pp. 1–36, 2017. doi:10.6092/issn.1972-5787/6237 1.1
WoS [ESCI] 000406537100001, Scopus 2-s2.0-85037556982, MR 3631595, Zbl 07106515
9. T. Uustalu, N. Veltri. Finiteness and rational sequences, constructively. *J. of Funct. Program.*, v. 27, art. e13, 20 pp., 2017. doi:10.1017/s0956796817000041 1.1
WoS [SCI-EXPANDED] 000398525100001, Scopus 2-s2.0-85017172351, MR 3632600, Zbl 06796954, Inspec 17996854, Compendex 20171503554601
10. M. Gaboardi, S. Katsumata, D. Orchard, F. Breuvar, T. Uustalu. Combining effects and coefficients via grading. *ACM SIGPLAN Notices*, v. 51, n. 9, pp. 476–489, 2016. doi:10.1145/3022670.2951939 1.1
WoS [SCI-EXPANDED & CPCI-S] 000393580700039, Scopus 2-s2.0-85084476305, Inspec 17216101

11. S. Katsumata, T. Sato, T. Uustalu. Codensity lifting of monads and its dual. *Log. Methods in Comput. Sci.*, v. 14, n. 4, art. 6, 31 pp., 2018. doi:10.23638/lmcs-14(4:6)2018 1.1
WoS [SCI-EXPANDED] 000452745300024, Scopus 2-s2.0-85060190543, MR 3876708, Zbl 06970798, Compendex 20190406412140
(Inspec 18333947)
12. L. Pinto, T. Uustalu. A proof-theoretic study of bi-intuitionistic propositional sequent calculus. *J. of Log. and Comput.*, v. 28, n. 1, pp. 165–202, 2018. doi:10.1093/logcom/exx044 1.1
WoS [SCI-EXPANDED] 000454114000001, Scopus 2-s2.0-85052635835, MR 3798972, Zbl 06945512, Compendex 20183605779648
13. T. Uustalu. A divertimento on MonadPlus and nondeterminism. *J. of Log. and Algebraic Program.*, v. 85, n. 5, part 2, pp. 1086–1094, 2016. doi:10.1016/j.jlamp.2016.06.004 1.1
WoS [SCI-EXPANDED] 000384382000018, Scopus 2-s2.0-84978390183, MR 3545409, Zbl 1355.68041, Inspec 16457830, Compendex 20162902622868
14. T. Uustalu. Stateful runners for effectful computations. *Electron. Notes in Theor. Comput. Sci.*, v. 319 (D. Ghica, ed., Proc. of 31st Conf. on Mathematical Foundations of Programming Semantics, MFPS XXXI, Nijmegen, June 2015), pp. 403–421, 2015. doi:10.1016/j.entcs.2015.12.024 1.1
WoS [ESCI] 000372714600024, Scopus 2-s2.0-84951730054, MR 3472416, Zbl 1351.68104, Compendex 20155201733625
15. T. Altenkirch, J. Chapman, T. Uustalu. Monads need not be endofunctors. *Log. Methods in Comput. Sci.*, v. 11, n. 1, art. 3, 40 pp., 2015. doi:10.2168/lmcs-11(1:3)2015 1.1
WoS [SCI-EXPANDED] 000353193000010, Scopus 2-s2.0-84927621403, MR 3320401, Zbl 06413633, Inspec 15769815, Compendex 20151600758773
16. K. Nakata, T. Uustalu. A Hoare logic for the coinductive trace-based big-step semantics of While. *Log. Methods in Comput. Sci.*, v. 11, n. 1, art. 1, 32 pp., 2015. doi:10.2168/lmcs-11(1:1)2015 1.1
WoS [SCI-EXPANDED] 000353193000009, Scopus 2-s2.0-84927614414, MR 3318365, Zbl 06405764, Inspec 15769814, Compendex 20151600758509
(MR 3315368)
17. D. Ahman, T. Uustalu. Coalgebraic update lenses. *Electron. Notes in Theor. Comput. Sci.*, v. 308 (B. Jacobs, A. Silva, S. Staton, eds., Proc. of 30th Conf. on Mathematical Foundations of Programming Semantics, MFPS XXX, Ithaca, NY, June 2014), pp. 25–48, 2014. doi:10.1016/j.entcs.2014.10.003 Acceptance rate: 16/32 1.1
WoS [ESCI] 000216920300003, Scopus 2-s2.0-84908384283, MR 3404198, Zbl 1337.68084, Compendex 20144500158013
18. D. Ahman, J. Chapman, T. Uustalu. When is a container a comonad? *Log. Methods in Comput. Sci.*, v. 10, n. 3, art. 14, 48 pp., 2014. doi:10.2168/lmcs-10(3:14)2014 1.1
WoS [SCI-EXPANDED] 000347714800024, Scopus 2-s2.0-84908291183, MR 3257050, Zbl 1338.68172, Inspec 15529181, Compendex 20144500148918
19. T. Altenkirch, J. Chapman, T. Uustalu. Relative monads formalised. *J. of Formaliz. Reason.*, v. 7, n. 1, pp. 1–43, 2014. doi:10.6092/issn.1972-5787/4389 1.1
WoS [ESCI] 000219918500001, Scopus 2-s2.0-84904630409, MR 3245379, Zbl 07106489
20. D. Firsov, T. Uustalu. Certified CYK parsing of context-free languages. *J. of Log. and Algebraic Meth. in Program.*, v. 83, n. 5–6, pp. 459–468, 2014. doi:10.1016/j.jlamp.2014.09.002 1.1
WoS [SCI-EXPANDED] 000345179400006, Scopus 2-s2.0-84938688808, MR 3292937, Zbl 1371.68137, Compendex 20153201126025
21. D. Ahman, T. Uustalu. Distributive laws of directed containers. *Prog. in Inf.*, v. 10, pp. 3–18, 2013. doi:10.2201/niipi.2013.10.2 1.1
Scopus 2-s2.0-84877657005, Compendex 20132016340915

22. M. Bezem, K. Nakata, T. Uustalu. On streams that are finitely red. *Log. Methods in Comput. Sci.*, v. 8, n. 4, art. 4, 20 pp., 2012. doi:10.2168/lmcs-8(4:4)2012 1.1
 WoS [SCI-EXPANDED] 000315381600014, Scopus 2-s2.0-84868152421, MR 2987926, Zbl 1267.03058, Inspec 14746526, Compendex 20131816304005
 (Scopus 2-s2.0-84879645977, MR 2994858, Compendex 20132816477833)
23. T. Uustalu, V. Vene. The recursion scheme from the cofree recursive comonad. *Electron. Notes in Theor. Comput. Sci.*, v. 229, n. 5 (V. Capretta, C. McBride, eds., Proc. of 2nd Wksh. on Mathematically Structured Functional Programming, MSFP 2008, Reykjavík, July 2008), pp. 135–157, 2011. doi:10.1016/j.entcs.2011.02.020 Acceptance rate: 8/13 1.1
 WoS [ESCI] 000216905700009, Scopus 2-s2.0-79952433647, MR 2889720, Zbl 1291.68149, Compendex 20111113738493
24. A. Saabas, T. Uustalu. Proof optimization for partial redundancy elimination. *J. of Log. and Algebraic Program.*, v. 78, n. 7, pp. 619–642, 2009. doi:10.1016/j.jlap.2009.05.002 1.1
 WoS [SCI-EXPANDED & CPCI-S] 000270600300008, Scopus 2-s2.0-69349104944, MR 2559850 (2010m:68109), Zbl 1187.68167, Inspec 11145359, Compendex 20093612291229
25. A. Saabas, T. Uustalu. Program and proof optimizations with type systems. *J. of Log. and Algebraic Program.*, v. 77, n. 1–2, pp. 131–154, 2008. doi:10.1016/j.jlap.2008.05.007 1.1
 WoS [SCI-EXPANDED & CPCI-S] 000259762900007, Scopus 2-s2.0-49349090106, MR 2446027 (2010g:68030), Zbl 1151.68008, Inspec 10279280, Compendex 20083411469514
26. T. Uustalu, V. Vene. Comonadic notions of computation. *Electron. Notes in Theor. Comput. Sci.*, v. 203, n. 5 (J. Adámek, C. Kupke, eds., Proc. of 9th Int. Wksh. on Coalgebraic Methods in Comput. Sci., CMCS 2008, Budapest, Apr. 2008), pp. 263–284, 2008. doi:10.1016/j.entcs.2008.05.029 1.1
 WoS [ESCI] 000214292900014, Scopus 2-s2.0-44649112368, MR 2437403, Zbl 1279.68088, Compendex 20082411311877
27. A. Saabas, T. Uustalu. A compositional natural semantics and Hoare logic for low-level languages. *Theor. Comput. Sci.*, v. 373, n. 3, pp. 273–302, 2007. doi:10.1016/j.tcs.2006.12.020 1.1
 WoS [SCI-EXPANDED & CPCI-S] 000245836600006, Scopus 2-s2.0-33947145531, MR 2310145 (2007m:68178), Zbl 1111.68071, Inspec 9550466, Compendex 20071210496918
28. A. Saabas, T. Uustalu. Type systems for optimizing stack-based code. *Electron. Notes in Theor. Comput. Sci.*, v. 190, n. 1 (M. Huisman, F. Spoto, eds., Proc. of 2nd Wksh. on Bytecode Semantics, Verification, Analysis and Transformation, BYTECODE '07, Braga, March 2007), pp. 103–119, 2007. doi:10.1016/j.entcs.2007.02.063 1.1
 WoS [ESCI] 000214246700008, Scopus 2-s2.0-34547193722, Compendex 20073110719722
29. V. Capretta, T. Uustalu, V. Vene. Recursive coalgebras from comonads. *Inf. and Comput.*, v. 204, n. 4, pp. 437–468, 2006. doi:10.1016/j.ic.2005.08.005 1.1
 WoS [SCI-EXPANDED & CPCI-S] 000237854100002, Scopus 2-s2.0-33646132278, MR 2224563 (2007d:68023), Zbl 1110.68068, Inspec 8953510, Compendex 2006189860198
30. N. Ghani, T. Uustalu, M. Hamana. Explicit substitutions and higher-order syntax. *High. Order and Symb. Comput.*, v. 19, n. 2–3, pp. 263–282, 2006. doi:10.1007/s10990-006-8748-4 1.1
 Scopus 2-s2.0-33747266802, Zbl 1105.68021, Inspec 9203730, Compendex 20063410077532
31. P. Laud, T. Uustalu, V. Vene. Type systems equivalent to data-flow analyses for imperative languages. *Theor. Comput. Sci.*, v. 364, n. 3, pp. 292–310, 2006. doi:10.1016/j.tcs.2006.08.013 1.1
 WoS [SCI-EXPANDED & CPCI-S] 000241718500003, Scopus 2-s2.0-33749629455, MR 2265491 (2007h:68130), Zbl 1153.68351, Inspec 9198297, Compendex 20064210179392
32. A. Saabas, T. Uustalu. A compositional natural semantics and Hoare logic for low-level languages. *Electron. Notes in Theor. Comput. Sci.*, v. 156, n. 1 (P. D. Mosses, I. Ulidowski, eds., Proc. of 2nd Wksh. on Structured

- Operational Semantics, SOS '05, Lisbon, July 2005), pp. 151–168, 2006. doi:10.1016/j.entcs.2005.09.031
1.1
- WoS [ESCI] 000214176700009, Scopus 2-s2.0-33646384378, Zbl 1273.68215, Compendex 2006199870793
33. A. Abel, R. Matthes, T. Uustalu. Iteration and coiteration schemes for higher-order and nested datatypes. *Theor. Comput. Sci.*, v. 333, n. 1–2, pp. 3–66, 2005. doi:10.1016/j.tcs.2004.10.017 1.1
- WoS [SCI-EXPANDED & CPCI-S] 000227699100002, Scopus 2-s2.0-13644281245, MR 2122711 (2005k:68134), Zbl 1070.68093, Inspec 8640464, Compendex 2005088853141
34. T. Uustalu, V. Vene. Signals and comonads. *J. of Univers. Comput. Sci.*, v. 11, n. 7, pp. 1310–1326, 2005. doi:10.3217/jucs-011-07-1311 1.1
- WoS [SCI-EXPANDED & CPCI-S] 000232351300012, Scopus 2-s2.0-24944434990
35. N. Ghani, P. Johann, T. Uustalu, V. Vene. Monadic augment and generalised short cut fusion. *ACM SIGPLAN Notices*, v. 40, n. 9, pp. 294–305, 2005. doi:10.1145/1090189.1086403 1.1
- WoS [SCI-EXPANDED & CPCI-S] 000232089200028, Scopus 2-s2.0-33745211455, Zbl 1302.68079, Inspec 8813493, Compendex 2006269957458
36. G. Barthe, E. Giménez, M. J. Frade, L. Pinto, T. Uustalu. Type-based termination of recursive definitions. *Math. Struct. in Comput. Sci.*, v. 14, n. 1, pp. 97–141, 2004. doi:10.1017/s09601295030004122 1.1
- WoS [SCI-EXPANDED] 000228425800004, Scopus 2-s2.0-84855618972, MR 2039824 (2004k:68027), Zbl 1054.68027, Inspec 8181517
37. V. Capretta, T. Uustalu, V. Vene. Recursive coalgebras from comonads. *Electron. Notes in Theor. Comput. Sci.*, v. 106 (J. Adámek, S. Milius, eds., Proc. of 7th Int. Wksh. on Coalgebraic Methods in Computer Science, CMCS '04, Barcelona, March 2004), pp. 43–61, 2004. doi:10.1016/j.entcs.2004.02.034 1.1
- Scopus 2-s2.0-10444237255, MR 2199865, Zbl 1271.18005, Compendex 2005189071634, Compendex 2004528746554
38. N. Ghani, T. Uustalu. Coproducts of ideal monads. *Theor. Inf. and Appl.*, v. 38, n. 4, pp. 321–342, 2004. doi:10.1051/ita:2004016 1.1
- WoS [SCI-EXPANDED & CPCI-S] 000225386700003, Scopus 2-s2.0-8344279624, MR 2098194 (2005h:08009), Zbl 1072.18006, Inspec 8375166, Compendex 2004488474207
39. R. Matthes, T. Uustalu. Substitution in non-wellfounded syntax with variable binding. *Theor. Comput. Sci.*, v. 327, n. 1–2, pp. 155–174, 2004. doi:10.1016/j.tcs.2004.07.025 1.1
- WoS [SCI-EXPANDED & CPCI-S] 000224616300008, Scopus 2-s2.0-4944265294, MR 2093519 (2005k:68135), Zbl 1071.68063, Inspec 8380131, Compendex 2004438415163
40. R. Matthes, T. Uustalu. Substitution in non-wellfounded syntax with variable binding. *Electron. Notes in Theor. Comput. Sci.*, v. 82, n. 1 (H. P. Gumm, ed., Proc. of 6th Int. Wksh. on Coalgebraic Methods in Computer Science, CMCS '03, Warsaw, Apr. 2003), pp. 191–205, 2003. doi:10.1016/s1571-0661(04)80639-x 1.1
- Scopus 2-s2.0-0942302122, Zbl 1270.68089, Inspec 8068786, Compendex 2005229132513
41. T. Uustalu. Generalizing substitution. *Theor. Inf. and Appl.*, v. 37, n. 4, pp. 315–336, 2003. doi:10.1051/ita:2003022 1.1
- WoS [SCI-EXPANDED & CPCI-S] 000220666900004, Scopus 2-s2.0-0942267770, MR 2053030 (2005k:08009), Zbl 1042.18003, Inspec 8091009, Compendex 2004078014019
42. T. Uustalu, V. Vene. Least and greatest fixed-points in intuitionistic natural deduction. *Theor. Comput. Sci.*, v. 272, n. 1–2, pp. 315–339, 2002. doi:10.1016/s0304-3975(00)00355-8 1.1
- WoS [SCI-EXPANDED] 000173096200011, Scopus 2-s2.0-0037028519, MR 1870370 (2002k:03097), Zbl 0984.68136, Inspec 7203361, Compendex 2001566811889

43. G. Barthe, T. Uustalu. CPS translating inductive and coinductive types. *ACM SIGPLAN Notices*, v. 37, n. 3, pp. 131–142, 2002. doi:10.1145/509799.503043 [1.1](#)
WoS [SCI-EXPANDED & CPCI-S] 000175149200014, Inspec 7273714
44. T. Uustalu, V. Vene, A. Pardo. Recursion schemes from comonads. *Nordic J. of Comput.*, v. 8, n. 3, pp. 366–390, 2001. [1.2](#)
MR 1866662 (2002i:68028), Zbl 0994.68018, Inspec 7131354
45. T. Uustalu, V. Vene. Mendler-style inductive types, categorically. *Nordic J. of Comput.*, v. 6, n. 3, pp. 343–361, 1999. [1.2](#)
MR 1732416 (2001d:68060), Zbl 0937.68029, Inspec 6433204
46. T. Uustalu, V. Vene. Primitive (co)recursion and course-of-value (co)iteration, categorically. *Informatica*, v. 10, n. 1, pp. 5–26, 1999. doi:10.3233/inf-1999-10102 [1.1](#)
Scopus 2-s2.0-0006903554, MR 1688964 (2000k:68100), Zbl 0935.68011, Inspec 6264385
47. V. Vene, T. Uustalu. Functional programming with apomorphisms (corecursion). *Proc. of Estonian Acad. Sci.: Phys., Math.*, v. 47, n. 3, pp. 147–161, 1998. doi:10.3176/phys.math.1998.3.01 [1.2](#)
MR 1646395 (2000i:68016), Zbl 0963.68028, Inspec 6064475
48. T. Uustalu, P. Lorents. On some classes of hereditarily r.e. sets. *Proc. of Estonian Acad. Sci.: Phys., Math.*, v. 39, n. 2, pp. 108–112, 1990. doi:10.3176/phys.math.1990.2.03 (In Russian.) [1.2](#)
MR 1069842 (92a:03074), Zbl 0707.03037

Articles in collections

49. T. Uustalu, N. Veltri, N. Zeilberger. The sequent calculus of skew monoidal categories. In C. Casadio, P. J. Scott, eds., *Joachim Lambek: The Interplay of Mathematics, Logic, and Linguistics*, v. 20 of *Outstanding Contributions to Logic*, pp. 377–406. Springer, 2021. doi:10.1007/978-3-030-66545-6_11 [3.1](#)
Scopus 2-s2.0-85103071845, MR 4352964, Zbl 07440912
50. B. Jacobs, T. Uustalu. Semantics of grammars and attributes via initiality. In E. Barendsen, V. Capretta, H. Geuvers, M. Niqui, eds., *Reflections on Type Theory, Lambda-Calculus, and the Mind: Essays Dedicated to Henk Barendregt on the Occasion of His 60th Birthday*, pp. 181–196. Radboud Univ. Nijmegen, 2007. article on publisher’s website [3.2](#)

Articles in conference proceedings

51. E. Rivas, T. Uustalu. Concurrent monads for shared state. In *Proc. of 26th Int. Symp. on Principles and Practice of Declarative Programming, PPDP ’24 (Milan, Sept. 2024)*, *ACM Int. Conf. Proc. Series*, ACM Press, art. 19, 13 pp. doi:10.1145/3678232.3678249 Acceptance rate: 17/25 [3.1](#)
Scopus 2-s2.0-85204905488
52. S. Goncharov, T. Uustalu. A unifying categorical view of nondeterministic iteration and tests. In R. Majumdar, A. Silva, eds., *Proc. of 35th Int. Conf. on Concurrency Theory, CONCUR 2024 (Calgary, Sept. 2024)*, v. 311 of *Leibniz Int. Proc. in Inform.*, art. 25, 22 pp. Dagstuhl Publishing, 2024. doi:10.4230/lipics.concur.2024.25 Acceptance rate: 37/80 [3.1](#)
Scopus 2-s2.0-85203523006
53. S. Capobianco, T. Uustalu. Additive cellular automata graded-monadically. In *Proc. of 25th Int. Symp. on Principles and Practice of Declarative Programming, PPDP ’23 (Cascais, Oct. 2023)*, *ACM Int. Conf. Proc. Series*, art. 13, 9 pp. ACM Press, 2023. doi:10.1145/3610612.3610625 Acceptance rate: 13/19 [3.1](#)
WoS [CPCI-S] 001138877400013, Scopus 2-s2.0-85175460323

54. D. McDermott, Y. Morita, T. Uustalu. A type system with subtyping for WebAssembly's stack polymorphism. In H. Seidl, Z. Liu, C. S. Pasareanu, eds., *Proc. of 19th Int. Coll. on Theoretical Aspects of Computing, ICTAC 2022 (Tbilisi, Sept. 2022)*, v. 13572 of *Lect. Notes in Comput. Sci.*, pp. 305–323. Springer, 2022. doi:10.1007/978-3-031-17715-6_20 Acceptance rate: 25/52 3.1
Scopus 2-s2.0-85140780525, MR 4540011, Zbl 07719839
55. F. Breuvert, D. McDermott, T. Uustalu. Canonical gradings of monads. In J. Master, M. Lewis, eds., *Proc. of 5th Int. Conf. on Applied Category Theory, ACT 2022 (Glasgow, July 2022)*, v. 380 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 1–21. Open Publishing Assoc., 2023. doi:10.4204/eptcs.380.1 Acceptance rate: 25/49 3.1
WoS [CPCI-S] 001048400000001, Scopus 2-s2.0-85169447112, MR 4660929, Zbl 07813619
56. D. McDermott, T. Uustalu. Flexibly graded monads and graded algebras. In E. Komendantskaya, ed., *Proc. of 14th Int. Conf. on Mathematics of Program Construction, MPC 2022 (Tbilisi, Sept. 2022)*, v. 13544 of *Lect. Notes in Comput. Sci.*, pp. 102–128. Springer, 2022. doi:10.1007/978-3-031-16912-0_4 Acceptance rate: 9/13 3.1
WoS [CPCI-S] 000866537100004, Scopus 2-s2.0-85140428749, MR 4501831, Zbl 07705359
57. D. McDermott, T. Uustalu. What makes a strong monad? In J. Gibbons, M. S. New, eds., *Proc. of 9th Wksh. on Mathematically Structured Functional Programming, MSFP 2022 (Munich, Apr. 2022)*, v. 360 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 113–133. Open Publishing Assoc., 2022. doi:10.4204/eptcs.360.6 3.1
WoS [CPCI-S] 001045093400006, Scopus 2-s2.0-85134196437, MR 4608856, Zbl 07779295
58. D. McDermott, E. Rivas, T. Uustalu. Sweedler theory of monads. In P. Bouyer, L. Schröder, eds., *Proc. of 25th Int. Conf. on Foundations of Software Science and Computation Structures, FoSSaCS 2022 (Munich, Apr. 2022)*, v. 13242 of *Lect. Notes in Comput. Sci.*, pp. 428–448. Springer, 2022. doi:10.1007/978-3-030-99253-8_22 Acceptance rate: 23/76 3.1
WoS [CPCI-S] 000782446800022, Scopus 2-s2.0-85128459922, MR 4485269, Zbl 07793041
59. T. Uustalu, N. Veltri, C.-S. Wan. Proof theory of skew non-commutative MILL. In A. Indrzejczak, M. Zawadzki, eds., *Proc. of 10th Int. Conf. on Non-classical Logics: Theory and Applications, NCL '22 (Łódź, March 2022)*, v. 358 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 118–135. Open Publishing Assoc., 2022. doi:10.4204/eptcs.358.9 Acceptance rate: 22/44 3.1
WoS [CPCI-S] 001045096000009, Scopus 2-s2.0-85130481250, MR 4608814
60. T. Uustalu, N. Veltri, N. Zeilberger. Deductive systems and coherence for skew prounital closed categories. In C. Sacerdoti Coen, A. Tiu, eds., *Proc. of 15th Int. Wksh. on Logical Frameworks and Metalanguages: Theory and Practice, LFMTTP 2020 (Paris, June 2020)*, v. 332 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 35–53. Open Publishing Assoc., 2021. doi:10.4204/eptcs.332.3 Acceptance rate: 4/6 3.1
WoS [CPCI-S] 001035994800003, Scopus 2-s2.0-85101209607, MR 4227385
61. T. Uustalu, N. Voorneveld. Algebraic and coalgebraic perspectives on interaction laws. In B. C. d. S. Oliveira, ed., *Proc. of 18th Asian Symp. on Programming Languages and Systems, APLAS 2020 (Fukuoka, Nov./Dec. 2020)*, v. 12470 of *Lect. Notes in Comput. Sci.*, pp. 186–205. Springer, 2020. doi:10.1007/978-3-030-64437-6_10 Acceptance rate: 19/46 3.1
WoS [CPCI-S] 000916297300010, Scopus 2-s2.0-85097654344, Zbl 07370096
62. D. McDermott, M. Piróg, T. Uustalu. Degrading lists. In *Proc. of 22nd Int. Symp. on Principles and Practice of Declarative Programming, PPDP '20 (Bologna, Sept. 2020)*, *ACM Int. Conf. Proc. Series*, art. 6, 14 pp. ACM Press, 2020. doi:10.1145/3414080.3414084 Acceptance rate: 13/21 3.1
Scopus 2-s2.0-85092799037
63. T. Uustalu, N. Veltri, N. Zeilberger. Proof theory of partially normal skew monoidal categories. In D. I. Spivak, J. Vicary, eds., *Proc. of 3rd Ann. Int. Applied Category Theory Conf., ACT 2020 (Cambridge, MA, July 2020)*, v. 333 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 230–246. Open Publishing Assoc., 2021. doi:10.4204/eptcs.333.16 3.1
WoS [CPCI-S] 001035431200016, Scopus 2-s2.0-85101268643, MR 4259618, Zbl 07454906

64. S. Katsumata, E. Rivas, T. Uustalu. Interaction laws of monads and comonads. In *Proc. of 35th Ann. ACM/IEEE Symp. on Logic in Computer Science, LICS 2020 (Saarbrücken, July 2020)*, pp. 604–618. ACM Press, 2020. doi:10.1145/3373718.3394808 Acceptance rate: 69/174 3.1
WoS [CPCI-S] 000665014900047, Scopus 2-s2.0-85085952830, MR 4171533, Zbl 07299499
65. H. Maarand, T. Uustalu. Reordering derivatives of trace closures of regular languages. In W. Fokkink, R. van Glabbeek, eds., *Proc. of 30th Int. Conf. on Concurrency Theory, CONCUR 2019 (Amsterdam, June 2019)*, v. 140 of *Leibniz Int. Proc. in Inf.*, art. 40, 16 pp. Dagstuhl Publishing, 2019. doi:10.4230/lipics.concur.2019.40 Acceptance rate: 37/93 3.1
Scopus 2-s2.0-85071609227, MR 4003275, Zbl 07649948
66. D. Ahman, T. Uustalu. Decomposing comonad morphisms. In M. Roggenbach, A. Sokolova, eds., *Proc. of 8th Conf. on Algebra and Coalgebra in Computer Science, CALCO 2019 (London, June 2019)*, v. 139 of *Leibniz Int. Proc. in Inf.*, art. 14, 19 pp. Dagstuhl Publishing, 2019. doi:10.4230/lipics.calco.2019.14 Acceptance rate: 16/23 3.1
Scopus 2-s2.0-85076039926, MR 4041344, Zbl 07649897
67. J. Espírito Santo, L. Pinto, T. Uustalu. Modal embeddings and calling paradigms. In H. Geuvers, ed., *Proc. of 4th Int. Conf. on Formal Structures for Computation and Deduction, FSCD 2019 (Dortmund, June 2019)*, v. 131 of *Leibniz Int. Proc. in Inf.*, art. 18, 20 pp. Dagstuhl Publishing, 2019. doi:10.4230/lipics.fscd.2019.18 Acceptance rate: 30/69 3.1
Scopus 2-s2.0-8506804539, MR 3968671, Zbl 07559284
68. H. Maarand, T. Uustalu. Certified Foata normalization for generalized traces. In A. Dutle, C. Muñoz, A. Narkawicz, eds., *Proc. of 10th NASA Formal Methods Symp., NFM 2018 (Newport News, VA, Apr. 2018)*, v. 10811 of *Lect. Notes in Comput. Sci.*, pp. 299–314. Springer, 2018. doi:10.1007/978-3-319-77935-5_21 Acceptance rate: 31/92 3.1
WoS [CPCI-S] 000518166700021, Scopus 2-s2.0-85045305218, Compendex 20181605020686
69. T. Uustalu, N. Veltri. Partiality and container monads. In B.-Y. E. Chang, ed., *Proc. of 15th Asian Symp. on Programming Languages and Systems, APLAS 2017 (Suzhou, Nov. 2017)*, v. 10695 of *Lect. Notes in Comput. Sci.*, pp. 406–425. Springer, 2017. doi:10.1007/978-3-319-71237-6_20 Acceptance rate: 24/56 3.1
WoS [CPCI-S] 000611567400020, Scopus 2-s2.0-85035057965, Zbl 07631461, Inspec 17624670, Compendex 20174804470480
70. T. Uustalu. Container combinatorics: monads and lax monoidal functors. In M. R. Mousavi, J. Sgall, eds., *Proc. of 2nd IFIP WG 1.8 Int. Conf. on Topics in Theoretical Computer Science, TTCS 2017 (Tehran, Sept. 2017)*, v. 10608 of *Lect. Notes in Comput. Sci.*, pp. 91–105. Springer, 2017. doi:10.1007/978-3-319-68953-1_8 Acceptance rate: 8/20 3.1
WoS [CPCI-S] 000449994500008, Scopus 2-s2.0-85032485332, MR 3737665, Zbl 06839854, Inspec 17546556, Compendex 20174404356240
71. T. Uustalu, N. Veltri. The delay monad and restriction categories. In D. V. Hung, D. Kapur, eds., *Proc. of 14th Int. Coll. on Theor. Aspects of Computing, ICTAC 2017 (Hanoi, Oct. 2017)*, v. 10580 of *Lect. Notes in Comput. Sci.*, pp. 32–50. Springer, 2017. doi:10.1007/978-3-319-67729-3_3 Acceptance rate: 17/40 3.1
WoS [CPCI-S] 000516829800003, Scopus 2-s2.0-85031432824, MR 3720071, Zbl 06802655, Inspec 17261118, Compendex 20174204283515
72. H. Maarand, T. Uustalu. Generating representative executions (extended abstract). In V. T. Vasconcelos, P. Haller, eds., *Proc. of 10th Wksh. on Programming Language Approaches to Concurrency and Communication-Centric Software, PLACES 2017 (Uppsala, Apr. 2017)*, v. 246 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 39–48. Open Publishing Assoc., 2017. doi:10.4204/eptcs.246.8 Acceptance rate: 8/9 3.1
WoS [ESCI] 000405454500007, Scopus 2-s2.0-85019247773, MR 3657502, Compendex 20172003675805 (Inspec 16989304)

73. D. Ahman, T. Uustalu. Taking updates seriously. In R. Eramo, M. Johnson, eds., *Proc. of 6th Int. Wksh. on Bidirectional Transformations, BX 2017 (Uppsala, Apr. 2017)*, v. 1827 of *CEUR Wksh. Proc.*, pp. 59–73. RWTH Aachen, 2017. article on publisher’s website [3.1](#)
Scopus 2-s2.0-85019214713, Compendex 20172003677347
74. M. Gaboardi, S. Katsumata, D. Orchard, F. Breuvert, T. Uustalu. Combining effects and coeffects via grading. In *Proc. of 21st ACM SIGPLAN Int. Conf. on Functional Programming, ICFP ’16 (Nara, Sept. 2016)*, pp. 476–489. ACM Press, 2016. doi:10.1145/2951913.2951939 Acceptance rate: 37/118 [3.1](#)
WoS [CPCI-S] 000455933500039, Scopus 2-s2.0-85053066137, MR 3578678, Zbl 1361.68037, Compendex 20184205966529
75. D. Ahman, T. Uustalu. Directed containers as categories. In R. Atkey, N. Krishnaswami, eds., *Proc. of 6th Wksh. on Mathematically Structured Functional Programming, MSFP 2016 (Eindhoven, Apr. 2016)*, v. 207 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 89–98. Open Publishing Assoc., 2016. doi:10.4204/eptcs.207.5 [3.1](#)
WoS [ESCI] 000390278400006, Scopus 2-s2.0-84991629033, MR 3602181, Zbl 07438172, Compendex 20164302935695
76. D. Firsov, T. Uustalu, N. Veltri. Variations on Noetherianness. In R. Atkey, N. Krishnaswami, eds., *Proc. of 6th Wksh. on Mathematically Structured Functional Programming, MSFP 2016 (Eindhoven, Apr. 2016)*, v. 207 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 76–88. Open Publishing Assoc., 2016. doi:10.4204/eptcs.207.4 [3.1](#)
WoS [ESCI] 000390278400005, Scopus 2-s2.0-84991672233, MR 3602180, Zbl 07438171, Compendex 20164302935694
77. V. Capretta, T. Uustalu. A coalgebraic view on bar recursion and bar induction. In B. Jacobs, C. Löding, eds., *Proc. of 19th Int. Conf. on Foundations of Software Science and Computation Structures, FoS-SaCS 2016 (Eindhoven, Apr. 2016)*, v. 9634 of *Lect. Notes in Comput. Sci.*, pp. 91–106. Springer, 2016. doi:10.1007/978-3-662-49630-5.6 Acceptance rate: 31/85 [3.1](#)
WoS [CPCI-S] 000401936500006, Scopus 2-s2.0-84961761094, MR 3320401, Zbl 06591815, Inspec 16075326, Compendex 20161402176677
78. J. Chapman, T. Uustalu, N. Veltri. Quotienting the delay monad by weak bisimilarity. In M. Leucker, C. Rueda, F. D. Valencia, eds., *Proc. of 12th Int. Coll. on Theoretical Aspects of Computing, ICTAC 2015 (Cali, Oct. 2015)*, v. 9399 of *Lect. Notes in Comput. Sci.*, pp. 110–125. Springer, 2015. doi:10.1007/978-3-319-25150-9.8 Acceptance rate: 30/93 [3.1](#)
WoS [CPCI-S] 000366212700008, Scopus 2-s2.0-84952056543, MR 3485495, Zbl 06545723, Inspec 15525602, Compendex 20160101752183
79. D. Firsov, T. Uustalu. Dependently typed programming with finite sets. In *Proc. of 11th ACM SIGPLAN Wksh. on Generic Programming, WGP ’15 (Vancouver, Aug. 2015)*, pp. 33–44. ACM Press, 2015. doi:10.1145/2808098.2808102 [3.1](#)
Scopus 2-s2.0-84991614482, Compendex 20170203242845
80. D. Firsov, T. Uustalu. Certified normalization of context-free grammars. In *Proc. of 2015 ACM Conf. on Certified Programs and Proofs, CPP ’15 (Mumbai, Jan. 2015)*, pp. 167–174. ACM Press, 2015. doi:10.1145/2676724.2693177 Acceptance rate: 18/26 [3.1](#)
Scopus 2-s2.0-84966783955, Compendex 20162002403925
81. D. Ahman, T. Uustalu. Update monads: cointerpreting directed containers. In R. Matthes, A. Schubert, eds., *Proc. of 19th Int. Wksh. on Types for Proofs and Programs, TYPES 2013 (Toulouse, Apr. 2013)*, v. 26 of *Leibniz Int. Proc. in Inform.*, pp. 1–23. Dagstuhl Publishing, 2014. doi:10.4230/lipics.types.2013.1 Acceptance rate: 13/22 [3.1](#)
Scopus 2-s2.0-84907731424, MR 3281410, Zbl 1359.68049, Compendex 20144200104342
82. T. Uustalu. Coherence for skew-monoidal categories. In N. Krishnaswami, P. Levy, eds., *Proc. of 5th Wksh. on Mathematically Structured Functional Programming, MSFP 2014 (Grenoble, Apr. 2014)*, v. 153 of

- Electron. Proc. in Theor. Comput. Sci.*, pp. 68–77. Open Publishing Assoc., 2014. doi:10.4204/eptcs.153.5
3.1
 WoS [ESCI] 000420001800005, Scopus 2-s2.0-84927626955, MR 3602171, Compendex 20153201154980
83. T. Uustalu. Coinductive big-step semantics for concurrency. In W. Vanderbauwhede, N. Yoshida, eds., *Proc. of 6th Wksh. on Programming Language Approaches to Concurrency and Communication-Centric Software, PLACES 2013 (Rome, March 2013)*, v. 137 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 63–78. Open Publishing Assoc., 2013. doi:10.4204/eptcs.137.6 Acceptance rate: 10/15 3.1
 WoS [ESCI] 000219945800007, Scopus 2-s2.0-84954516018, Compendex 20160401844813
84. D. Firsov, T. Uustalu. Certified parsing of regular languages. In G. Gonthier, M. Norrish, eds., *Proc. of 3rd Int. Conf. on Certified Programs and Proofs, CPP 2013 (Melbourne, Dec. 2013)*, v. 8307 of *Lect. Notes in Comput. Sci.*, pp. 98–113. Springer, 2013. doi:10.1007/978-3-319-03545-1_7 Acceptance rate: 18/39 3.1
 WoS [CPCI-S] 000440498800007, Scopus 2-s2.0-84893051683, Zbl 1303.68077, Inspec 13975147, Compendex 20140517260843
85. T. Uustalu. Explicit binds: effortless efficiency with and without trees. In T. Schrijvers, P. Thiemann, eds., *Proc. of 11th Int. Symp. on Functional and Logic Programming, FLOPS 2012 (Kobe, May 2012)*, v. 7294 of *Lect. Notes in Comput. Sci.*, pp. 317–331. Springer, 2012. doi:10.1007/978-3-642-29822-6_25 Acceptance rate: 22/39 3.1
 WoS [CPCI-S] 000440210000025, Scopus 2-s2.0-84861726904, Zbl 06059283, Inspec 12775694, Compendex 20122315095632
86. T. Uustalu. Structured general corecursion and coinductive graphs (extended abstract). In Z. Ésik, D. Miller, eds., *Proc. of 8th Wksh. on Fixed Points in Computer Science, FICS 2012 (Tallinn, March 2012)*, v. 77 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 55–61. Open Publishing Assoc., 2012. doi:10.4204/eptcs.77.8
3.1
 WoS [ESCI] 000219687100009, Scopus 2-s2.0-84954560593, Zbl 07324391, Compendex 20160401839156
87. D. Ahman, J. Chapman, T. Uustalu. When is a container a comonad? In L. Birkedal, ed., *Proc. of 15th Int. Conf. on Foundations of Software Science and Computation Structures, FoSSaCS 2012 (Tallinn, March 2012)*, v. 7213 of *Lect. Notes in Comput. Sci.*, pp. 74–88. Springer, 2012. doi:10.1007/978-3-642-28729-9_5 Acceptance rate: 29/100 3.1
 WoS [CPCI-S] 000342756900005, Scopus 2-s2.0-84859138343, MR 2968813, Zbl 06049289, Inspec 12676054, Compendex 20121414921383, Compendex 20161202119743
88. K. Nakata, T. Uustalu, M. Bezem. A proof pearl with the fan theorem and bar induction: walking through infinite trees with mixed induction and coinduction. In H. Yang, ed., *Proc. of 9th Asian Symp. on Programming Languages and Systems, APLAS 2011 (Kenting, Dec. 2011)*, v. 7078 of *Lect. Notes in Comput. Sci.*, pp. 353–368. Springer, 2011. doi:10.1007/978-3-642-25318-8_26 Acceptance rate: 23/64 3.1
 Scopus 2-s2.0-84055193127, Inspec 12559519, Compendex 20115214632200
89. L. Pinto, T. Uustalu. Relating sequent calculi for bi-intuitionistic propositional logic. In S. van Bakel, S. Berardi, U. Berger, eds., *Proc. of 3rd Wksh. on Classical Logic and Computation CL&C 2010 (Brno, Aug. 2010)*, v. 47 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 57–72. Open Publishing Assoc., 2011. doi:10.4204/eptcs.47.7 3.1
 WoS [ESCI] 000219536900007, Scopus 2-s2.0-84954454791, Zbl 07317231, Compendex 20160401835336
90. S. Capobianco, T. Uustalu. A categorical outlook on cellular automata. In J. Kari, ed., *Proc. of 2nd Symp. on Cellular Automata, JAC 2010 Turku, Dec. 2010*, v. 13 of *TUCS Lecture Notes*, pp. 88–99. Turku Centre for Computer Science, 2010. article in HAL 3.1
 Scopus 2-s2.0-84878730852, Compendex 20132416417211
91. K. Nakata, T. Uustalu. Resumptions, weak bisimilarity and big-step semantics for While with interactive I/O: an exercise in mixed induction-coinduction. In L. Aceto, P. Sobociński, eds., *Proc. of 7th Wksh. on*

- Structural Operational Semantics, SOS 2010 (Paris, Aug. 2010)*, v. 32 of *Electron. Proc. in Theor. Comput. Sci.*, pp. 57–75. Open Publishing Assoc., 2010. doi:10.4204/eptcs.32.5 [3.1](#)
WoS [ESCI] 000219473300006, Scopus 2-s2.0-84954532658, Zbl 07314989, Compendex 20160401844803
92. T. Uustalu. A note on strong dinaturality, initial algebras and uniform parameterized fixpoint operators (extended abstract). In L. Santocanale, ed., *Proc. of 7th Wksh. on Fixed Points in Computer Science, FICS 2010 (Brno, Aug. 2010)*, pp. 77–82. Masarykova Univ., 2010. article in HAL [3.4](#)
93. T. Altenkirch, J. Chapman, T. Uustalu. Monads need not be endofunctors. In L. Ong, ed., *Proc. of 13th Int. Conf. on Foundations of Software Science and Computation Structures, FoSSaCS 2010 (Paphos, March 2010)*, v. 6014 of *Lect. Notes in Comput. Sci.*, pp. 297–311. Springer, 2010. doi:10.1007/978-3-642-12032-9_21 Acceptance rate: 25/86 [3.1](#)
WoS [CPCI-S] 000278827800021, Scopus 2-s2.0-77951455012, MR 2673183 (2012a:68040), Zbl 1284.18010, Inspec 11230860, Compendex 20101712895501
94. K. Nakata, T. Uustalu. A Hoare logic for the coinductive trace-based big-step semantics of While. In A. D. Gordon, ed., *Proc. of 19th Europ. Symp. on Programming, ESOP 2010 (Paphos, March 2010)*, v. 6012 of *Lect. Notes in Comput. Sci.*, pp. 488–506. Springer, 2010. doi:10.1007/978-3-642-11957-6_26 Acceptance rate: 30/121 [3.1](#)
WoS [CPCI-S] 000279369000025, Scopus 2-s2.0-85052024804, Zbl 1260.68111, Inspec 11231213, Compendex 20154601532828
95. V. Capretta, T. Uustalu, V. Vene. Corecursive algebras: a study of general corecursion. In M. Oliveira, J. Woodcock, eds., *Revised Selected Papers from 12th Brazilian Symp. on Formal Methods, SBMF 2009 (Gramado, RS, Aug. 2009)*, v. 5902 of *Lect. Notes in Comput. Sci.*, pp. 84–100. Springer, 2009. doi:10.1007/978-3-642-10452-7_7 [3.1](#)
WoS [CPCI-S] 000276970300007, Scopus 2-s2.0-70649091000, Zbl 1266.68083, Inspec 11382864, Compendex 20094912527603
96. K. Nakata, T. Uustalu. Trace-based coinductive operational semantics for While: big-step and small-step, relational and functional styles. In S. Berghofer, T. Nipkow, C. Urban, M. Wenzel, eds., *Proc. of 22nd Int. Conf. on Theorem Proving in Higher Order Logics, TPHOLs 2009 (Munich, Aug. 2009)*, v. 5674 of *Lect. Notes in Comput. Sci.*, pp. 375–390. Springer, 2009. doi:10.1007/978-3-642-03359-9_26 Acceptance rate: 27/55 [3.1](#)
WoS [CPCI-S] 000272047000026, Scopus 2-s2.0-70350325123, MR 2550953, Zbl 1252.68056, Inspec 11162533, Compendex 20094412414883
97. B. Fischer, A. Saabas, T. Uustalu. Program repair as sound optimization of broken programs. In *Proc. of 3rd IEEE Int. Symp. on Theoretical Aspects of Software Engineering, TASE 2009 (Tianjin, July 2009)*, pp. 165–173. IEEE CS Press, 2009. doi:10.1109/tase.2009.61 Acceptance rate: 31/113 [3.1](#)
WoS [CPCI-S] 000272549300021, Scopus 2-s2.0-71049177308, Inspec 10814621, Compendex 20094712458543
98. L. Pinto, T. Uustalu. Proof search and counter-model construction for bi-intuitionistic propositional logic with labelled sequents. In M. Giese, A. Waaler, eds., *Proc. of 18th Int. Conf. on Automated Reasoning with Analytic Tableaux and Related Methods, TABLEUX 2009 (Oslo, July 2009)*, v. 5607 of *Lect. Notes in Artif. Intell.*, pp. 295–309. Springer, 2009. doi:10.1007/978-3-642-02716-1_22 Acceptance rate: 22/44 [3.1](#)
WoS [CPCI-S] 000271335100021, Scopus 2-s2.0-77956300109, MR 2585896, Zbl 1260.03105, Inspec 11043075, Compendex 20103613218257
99. M. J. Frade, A. Saabas, T. Uustalu. Bidirectional data-flow analyses, type-systematically. In *Proc. of 2009 ACM SIGPLAN Wksh. on Partial Evaluation and Semantics-Based Program Manipulation, PEPM 2009 (Savannah, GA, Jan. 2009)*, pp. 141–149. ACM Press, 2009. doi:10.1145/1480945.1480965 Acceptance rate: 20/36 [3.1](#)
Scopus 2-s2.0-67650691954, Compendex 20093012216801

100. A. Saabas, T. Uustalu. Proof optimization for partial redundancy elimination. In *Proc. of 2008 ACM SIGPLAN Wksh. on Partial Evaluation and Semantics-Based Program Manipulation, PEPM 2008 (San Francisco, CA, Jan. 2008)*, pp. 91–101. ACM Press, 2008. doi:10.1145/1328408.1328422 Acceptance rate: 20/74 3.1
WoS [CPCI-S] 000267583600010, Scopus 2-s2.0-77950908724, Compendex 20101612856210
101. I. Hasuo, B. Jacobs, T. Uustalu. Categorical views on computations on trees (extended abstract). In L. Arge, C. Cachin, T. Jurdziński, A. Tarlecki, eds., *Proc. of 34th Int. Coll. on Automata, Languages and Programming, ICALP 2007 (Wrocław, July 2007)*, v. 4596 of *Lect. Notes in Comput. Sci.*, pp. 619–630. Springer, 2007. doi:10.1007/978-3-540-73420-8_54 Acceptance rate: 76/242 3.1
WoS [CPCI-S] 000248143000053, Scopus 2-s2.0-38149047520, MR 2424718 (2009f:68126), Zbl 1171.18300, Inspec 9645458, Compendex 20080411044283
102. M. J. Frade, A. Saabas, T. Uustalu. Foundational certification of data-flow analyses. In *Proc. of 1st Joint IEEE/IFIP Int. Symp. on Theoretical Aspects of Software Engineering, TASE '07 (Shanghai, June 2007)*, pp. 107–116. IEEE CS Press, 2007. doi:10.1109/tase.2007.27 Acceptance rate: 46/210 3.1
WoS [CPCI-S] 000247666400010, Scopus 2-s2.0-34548816983, Inspec 9830380, Compendex 20073910831767
103. T. Uustalu, V. Vene. Comonadic functional attribute evaluation. In M. van Eekelen, ed., *Trends in Functional Programming 6*, pp. 145–162. Intellect, 2007. 3.1
104. N. Ghani, T. Uustalu, V. Vene. Generalizing the augment combinator. In H.-W. Loidl, ed., *Trends in Functional Programming 5*, pp. 65–78. Intellect, 2006. doi:10.2307/j.ctv36xw0k5.8 (JSTOR) 3.1
105. T. Uustalu, V. Vene. The essence of dataflow programming (full version). In Z. Horváth, ed., *Revised Selected Lectures from 1st Central-European Functional Programming School, CEFP 2005 (Budapest, July 2005)*, v. 4164 of *Lect. Notes in Comput. Sci.*, pp. 135–167. Springer, 2006. doi:10.1007/11894100_5 1.1
WoS [SCI-EXPANDED & CPCI-S] 000241443300005, Scopus 2-s2.0-33751405362, Zbl 1156.68378, Inspec 9263160, Compendex 20064810279283
106. A. Saabas, T. Uustalu. Compositional type systems for stack-based low-level languages. In B. Jay, J. Gudmundsson, eds., *Proc. of 12th Computing, Australasian Theory Symp., CATS 2006 (Hobart, Jan. 2006)*, v. 51 of *Confs. in Research and Practice in Inform. Techn.*, pp. 27–39. Australian Comput. Soc., 2006. article in ACM DL Acceptance rate: 17/32 3.1
Scopus 2-s2.0-84863582481, Compendex 20122815235511
107. T. Uustalu, V. Vene. The essence of dataflow programming (short version). In K. Yi, ed., *Proc. of 3rd Asian Symp. on Programming Languages and Systems, APLAS 2005 (Tsukuba, Nov. 2005)*, v. 3780 of *Lect. Notes in Comput. Sci.*, pp. 2–18. Springer, 2005. doi:10.1007/11575467_2 Acceptance rate: 24/78 1.1
WoS [SCI-EXPANDED & CPCI-S] 000233897200001, Scopus 2-s2.0-33646744717, Zbl 1159.68384, Inspec 8815428, Compendex 2006219901476
108. N. Ghani, P. Johann, T. Uustalu, V. Vene. Monadic augment and generalised short cut fusion. In *Proc. of 10th ACM SIGPLAN Int. Conf. on Functional Programming, ICFP '05 (Tallinn, Sept. 2005)*, pp. 294–305. ACM Press, 2005. doi:10.1145/1086365.1086403 Acceptance rate: 26/87 3.1
Scopus 2-s2.0-84876767327, Zbl 1302.68079, Compendex 20131816294758
109. T. Uustalu, V. Vene. Signals and comonads. In M. A. Musicante, R. M. F. Lima, eds., *Proc. of 9th Brazilian Symp. on Programming Languages, SBLP '05 (Recife, PE, May 2005)*, pp. 215–228. Univ. de Pernambuco, Recife, 2005. 3.4
110. T. Altenkirch, T. Uustalu. Normalization by evaluation for $\lambda^{\rightarrow,2}$. In Y. Kameyama, P. J. Stuckey, eds., *Proc. of 7th Int. Symp. on Functional and Logic Programming, FLOPS 2004 (Nara, Apr. 2004)*, v. 2998 of *Lect. Notes in Comput. Sci.*, pp. 260–275. Springer, 2004. doi:10.1007/978-3-540-24754-8_19 Acceptance rate: 18/55 1.1
WoS [SCI-EXPANDED & CPCI-S] 000189484700019, Scopus 2-s2.0-35048841111, Zbl 1122.68393, Compendex 20160201795988

111. N. Ghani, T. Uustalu, V. Vene. Build, augment and destroy, universally. In W.-N. Chin, ed., *Proc. of 2nd Asian Symp. on Programming Languages and Systems, APLAS 2004 (Taipei, Nov. 2004)*, v. 3302 of *Lect. Notes in Comput. Sci.*, pp. 327–347. Springer, 2004. doi:10.1007/978-3-540-30477-7_22 Acceptance rate: 26/97 1.1
WoS [SCI-EXPANDED & CPCI-S] 000224947700021, Scopus 2-s2.0-35048864529, Zbl 1116.68490, Inspec 8323276, Compendex 20160801995213
112. N. Ghani, T. Uustalu. Explicit substitutions and higher-order syntax. In F. Honsell, M. Miculan, A. Momigliano, eds., *Proc. of 2nd ACM SIGPLAN Wksh. on Mechanized Reasoning about Languages with Variable Binding, MERLIN '03 (Uppsala, Aug. 2003)*, 7 pp. ACM Press, 2003. doi:10.1145/976571.976580 3.1
113. A. Abel, R. Matthes, T. Uustalu. Generalized iteration and coiteration for higher-order nested datatypes. In A. D. Gordon, ed., *Proc. of 6th Int. Conf. on Foundations of Software Science and Computation Structures, FoSSaCS 2003 (Warsaw, Apr. 2003)*, v. 2620 of *Lect. Notes in Comput. Sci.*, pp. 54–69. Springer, 2003. doi:10.1007/3-540-36576-1_4 Acceptance rate: 26/94 1.1
WoS [SCI-EXPANDED & CPCI-S] 000183067500004, Scopus 2-s2.0-35248899419, MR 2083676, Zbl 1029.68097, Inspec 7928957, Compendex 20160801994500
114. T. Uustalu. Monad translating inductive and coinductive types. In H. Geuvers, F. Wiedijk, eds., *Selected Papers from 2nd Int. Wksh. on Types for Proofs and Programs, TYPES 2002 (Berg en Dal, Apr. 2002)*, v. 2646 of *Lect. Notes in Comput. Sci.*, pp. 299–315. Springer, 2003. doi:10.1007/3-540-39185-1_17 1.1
WoS [SCI-EXPANDED & CPCI-S] 000183489200017, Scopus 2-s2.0-32144458820, MR 2060584, Zbl 1023.68019, Inspec 7810469, Compendex 20154201407882
115. T. Uustalu, V. Vene. The dual of substitution is redecoration. In K. Hammond, S. Curtis, eds., *Trends in Functional Programming 3*, pp. 99–110. Intellect, 2002. 3.1
WoS [CPCI-S] 000181626000009
116. G. Barthe, T. Uustalu. CPS translating inductive and coinductive types. In *Proc. of 2002 ACM SIGPLAN Wksh. on Partial Evaluation and Semantics-Based Program Manipulation, PEPM '02 (Portland, OR, Jan. 2002)*, pp. 131–142. ACM Press, 2002. doi:10.1145/503032.503043 Acceptance rate: 11/22 3.1
Scopus 2-s2.0-0036041754, Compendex 2002397101417
117. T. Uustalu. (Co)monads from inductive and coinductive types. In *Proc. of 2001 APPIA-GULP-PRODE Joint Conf. on Declarative Programming, AGP '01 (Évora, Sept. 2001)*, pp. 47–61. Univ. de Évora, 2001. 3.4
118. T. Uustalu, V. Vene. Coding recursion à la Mendler. In J. Jeuring, ed., *Proc. of 2nd Int. Wksh. on Generic Programming, WGP '00 (Ponte de Lima, July 2000)*, v. UU-CS-2000-19 of *Techn. Rep., Dept. of Comput. Sci.*, pp. 69–85. Univ. Utrecht, 2000. 3.4
119. T. Uustalu. Multi-(co)iteration, categorically. In J. Penjam, ed., *Proc. of 6th Fenno-Ugric Symposium on Software Technology, FUSST '99 (Sagadi, Aug. 1999)*, v. CS 104/99 of *Techn. Rep.*, pp. 259–266. Inst. of Cybernetics, 1999. 3.4
120. V. Vene, T. Uustalu, E. Tyugu. Logical semantics of NUT extended with production rules. In J. Paakki, ed., *Proc. of 5th Symp. on Programming Languages and Software Tools, SPLST '97 (Jyväskylä, June 1997)*, v. 1997-37 of *Ser. of Publ. C, Dept. of Comput. Sci.*, pp. 145–154. Univ. of Helsinki, 1997. 3.4
121. T. Uustalu, V. Vene. A cube of proof systems for the intuitionistic predicate μ, ν -logic. In M. Haveranen, O. Owe, eds., *Selected Papers from 8th Nordic Wksh. on Programming Theory, NWPT '96 (Oslo, Dec. 1996)*, v. 248 of *Res. Rep., Dept. of Informatics*, pp. 237–246. Univ. i Oslo, 1997. 3.4
122. T. Uustalu. Extensions of structural synthesis of programs. In U. H. Engberg, K. G. Larsen and P. D. Mosses, eds., *Proc. of 6th Nordic Wksh. on Programming Theory, NWPT '94 (Aarhus, Oct. 1994)*, v. NS-94-6 of *BRICS Notes Ser.*, pp. 415–427. Aarhus Univ., 1994. volume on publisher's website 3.4
Inspec 4963108

123. B. Mayoh, E. Tyugu, T. Uustalu. Constraint satisfaction and constraint programming: A brief lead-in. In B. Mayoh, E. Tyugu, J. Penjam, eds., *Proc. of NATO ASI on Constraint Programming (Pärnu, Aug. 1993)*, v. 131 of *NATO ASI Ser. F*, pp. 1–16. Springer, 1994. doi:10.1007/978-3-642-85983-0_1 3.1
Zbl 0941.68660, Inspec 4759056
124. E. Tyugu, T. Uustalu. Higher-order functional constraint networks. In B. Mayoh, E. Tyugu, J. Penjam, eds., *Proc. of NATO ASI on Constraint Programming (Pärnu, Aug. 1993)*, v. 131 of *NATO ASI Ser. F*, pp. 116–139. Springer, 1994. doi:10.1007/978-3-642-85983-0_5 3.1
Zbl 0941.68742, Inspec 4759060
125. T. Uustalu. Combining object-oriented and logic paradigms: A modal logic programming approach. In O. Lehrmann Madsen, ed., *Proc. of 6th Europ. Conf. on Object-Oriented Programming, ECOOP'92 (Utrecht, June/July 1992)*, v. 615 of *Lect. Notes in Comput. Sci.*, pp. 98–113. Springer, 1992. doi:10.1007/bfb0053032
Acceptance rate: 22/124 1.1
WoS [SCI-EXPANDED] A1992KQ20200006, WoS [CPCI-S] A1992BX64B00006, Scopus 2-s2.0-77949534601, Inspec 4331051

Articles and extended abstracts in informal or pre-proceedings and books of abstracts

126. J. Espírito Santo, L. Pinto, T. Uustalu. Calling paradigms and the box calculus. In U. de'Liguoro, S. Berardi, eds., *Abstracts of 26th Int. Conf. on Types for Proofs and Programs, TYPES 2020 (Torino, March 2020)*, pp. 123–124. Univ. di Torino, 2020. volume on conference website 5.2
127. T. Talvik, T. Uustalu. Experimenting with graded monads: certified grading-based program transformations (extended abstract). In J. Espírito Santo, L. Pinto, eds., *Abstracts of 24th Int. Conf. on Types for Proofs and Programs, TYPES 2018 (Braga, June 2018)*, pp. 82–83. Univ. do Minho, 2018. volume on conference website 5.2
128. T. Uustalu, N. Veltri. Partiality and container monads (extended abstract). In A. Kaposi, ed., *Abstracts of 23rd Int. Conf. on Types for Proofs and Programs, TYPES 2017 (Budapest, May/June 2017)*, pp. 99–100. Eötvös Loránd Univ., 2017. volume on conference website 5.2
129. S. Katsumata, T. Uustalu. Interaction morphisms (extended abstract). In E. Komendantskaya, F. Farka, eds., *Pre-proc. of Wksh. on Coalgebra, Horn Clause Logic and Types, CoALP-Ty '16 (Edinburgh, Nov. 2016)*, pp. 7–8. Heriot-Watt Univ., 2016. volume in arXiv 5.2
130. J. Chapman, T. Uustalu, N. Veltri. Quotienting the delay monad by weak bisimilarity (extended abstract). In T. Uustalu, ed., *Abstracts of 21st Int. Conf. on Types for Proofs and Programs, TYPES 2015 (Tallinn, May 2015)*, pp. 38–39. Inst. of Cybernetics, 2015. volume on conference website 5.2
131. D. Ahman, T. Uustalu. Coalgebraic update lenses (extended abstract). In H. Herbelin, P. Letouzey, M. Sozeau, eds., *Abstracts of 20th Meeting on Types for Proofs and Programs, TYPES 2014 (Paris, May 2014)*, pp. 17–18. INRIA Rocquencourt, 2014. volume on conference website 5.2
132. D. Ahman, T. Uustalu. Update monads: cointerpreting directed containers (extended abstract). In R. Matthes, ed., *Abstracts of 19th Meeting on Types for Proofs and Programs, TYPES 2013 (Toulouse, April 2013)*, pp. 16–17. IRIT, 2013. volume on conference website 5.2
133. D. Ahman, T. Uustalu. Distributive laws of directed containers (extended abstract). In L. Schröder, D. Pattinson, eds., *Short Contributions of 11th Int. Wksh. on Coalgebraic Methods in Comput. Sci., CMCS '12 (Tallinn, March/April 2012)*, pp. 1–3. Inst. of Cybernetics, 2012. volume on conference website 5.2
134. T. Uustalu. Antifounded coinduction in type theory (abstract). In E. Komendantskaya, A. Bove, M. Niqui, eds., *Proc. of Wksh. on Partiality and Recursion in Interactive Theorem Provers, PAR '10 (Edinburgh, July 2010)*, v. 5 of *EasyChair Proc. in Computing*, p. 114. Easychair, 2012. doi:10.29007/gh62 5.2
135. T. Uustalu. Strong relative monads (extended abstract). In B. Jacobs, M. Niqui, J. Rutten, A. Silva, eds., *Short Contributions of 10th Int. Wksh. on Coalgebraic Methods in Comput. Sci., CMCS '10 (Paphos, March 2010)*, v. SEN-1004 of *Techn. Rep.*, pp. 23–24. CWI, 2010. volume on publisher's website 5.2

136. T. Uustalu, V. Vene. Comonadic notions of computation (extended abstract). In N. Ghani, J. Power, eds., *Short Contributions of 8th Int. Wksh. on Coalgebraic Methods in Comput. Sci., CMCS '06 (Vienna, March 2006)*, 2 pp. Univ. of Nottingham, 2006. [5.2](#)
137. N. Ghani, M. Hamana, T. Uustalu, V. Vene. Representing cyclic structures as nested datatypes. In H. Nilsson, ed., *Proc. of 7th Symp. on Trends in Functional Programming, TFP 2006 (Nottingham, Apr. 2006)*, pp. 173–188. Univ. of Nottingham, 2006. [3.4](#)
138. M. Hamana, N. Ghani, T. Uustalu, V. Vene. Representing cyclic structures as nested datatypes. In A. Takana, ed., *Proc. of 23rd Conf. of Japan Society for Software Science and Technology, JSSST 06 (Tokyo, Sept. 2006)*, 8 pp. Univ. of Tokyo, 2006. article on conference website [3.4](#)
139. P. Laud, T. Uustalu, V. Vene. Type systems equivalent to dataflow analyses for imperative languages. In M. Hofmann, H.-W. Loidl, eds., *Proc. of 3rd APPSEM II Wksh., APPSEM '05 (Frauenchiemsee, Sept. 2005)*, 12 pp. Ludwig-Maximilians-Univ. München, 2005. [3.4](#)
140. T. Uustalu, V. Vene. Comonadic functional attribute evaluation. In M. van Eekelen, ed., *Proc. of 6th Symp. on Trends in Functional Programming, TFP 2005 (Tallinn, Sept. 2005)*, pp. 33–43. Inst. of Cybernetics, 2005. [3.4](#)
141. N. Ghani, T. Uustalu, V. Vene. Generalizing the augment combinator. In H.-W. Loidl, ed., *Proc. of 5th Symp. on Trends in Functional Programming, TFP '04 (München, Nov. 2004)*, pp. 65–76. Ludwig-Maximilians-Univ. München, 2004. [3.4](#)
142. N. Ghani, T. Uustalu. Coproducts of ideal monads (extended abstract). In Z. Ésik, I. Walukiewicz, eds., *Proc. of 5th Int. Wksh. on Fixed Points in Computer Science, FICS '03 (Warsaw, Apr. 2003)*, pp. 32–36. Warsaw Univ., 2003. [5.2](#)
143. T. Uustalu, V. Vene. An alternative characterization of complete iterativeness (extended abstract). In Z. Ésik, I. Walukiewicz, eds., *Proc. of 5th Int. Wksh. on Fixed Points in Computer Science, FICS '03 (Warsaw, Apr. 2003)*, pp. 81–83. Warsaw Univ., 2003. [5.2](#)
144. T. Uustalu. Generalizing substitution (extended abstract). In Z. Ésik and A. Ingólfssdóttir, eds., *Proc. of 4th Wksh. on Fixed Points in Computer Science, FICS '02 (Copenhagen, July 2002)*, v. NS-02-2 of *BRICS Notes Ser.*, pp. 9–11. Aarhus Univ., 2002. volume on publisher's website [5.2](#)
145. T. Uustalu, V. Vene. The dual of substitution is redecoration. In *Proc. of 3rd Scottish Functional Programming Wksh., SFP '01 (Stirling, Aug. 2001)*, pp. 201–211. Univ. of Stirling, 2001. [3.4](#)
146. T. Uustalu, V. Vene. Mendler-style inductive types, categorically. In *Proc. of AFP '98 Wksh. on Research Themes in Functional Programming (Braga, Sept. 1998)*, v. UM-DI TR 98-03 of *Techn. Reports, Dep. de Inform.*, 9 pp. Univ. do Minho, 1998. [3.4](#)
147. T. Uustalu. Logics of time for programming use. In M. Oit, ed., *Preprints of Conf. on Tools and Environments for Developing Control Systems (Kääriku, May 1992)*, v. 1, pp. 190–204, 1992. [3.4](#)
148. T. Uustalu. On recursive functionals of higher types. In *Proc. of Conf. on Theoretical and Applied Questions in Mathematics (Tartu, Sept. 1985)*, v. 1, pp. 188–190. Univ. of Tartu, 1985. (In Russian.) [5.2](#)

Dissertations

149. T. Uustalu. Natural deduction for intuitionistic least and greatest fixedpoint logics, with an application to program construction (PhD thesis). Dissertation TRITA-IT AVH 98:03, x+98 pp. Royal Inst. of Techn., Stockholm, 1998. [2.3](#)
MR 2715253
150. T. Uustalu. Aspects of structural synthesis of programs (Lic thesis). Research report TRITA-IT R 95:09. Royal Inst. of Techn., Stockholm, 1995. [2.3](#)
151. T. Uustalu. Combination of object-oriented and logic paradigms (MSc thesis). Tallinn Techn. Univ. / Norwegian Inst. of Techn., Trondheim, 1991. [2.3](#)

Research reports

- 152. T. Uustalu, V. Vene. A cube of proof systems for the intuitionistic predicate μ, ν -logic. Research report TRITA-IT R 97:15, 47 pp. Dept. of Teleinformatics, Royal Inst. of Technology, Stockholm, 1997. [2.5](#)
- 153. T. Uustalu. A modal justification for structural synthesis in NUT. Research report TRITA-IT R 96:06, 22 pp. Dept. of Teleinformatics, Royal Inst. of Technology, Stockholm, 1996. [2.5](#)
- 154. T. Uustalu. Structural synthesis of programs as programming in logic. Research report TRITA-IT R 95:08, iv+16 pp. Dept. of Teleinformatics, Royal Inst. of Technology, Stockholm, 1995. [2.5](#)
- 155. J. Tekko, T. Uustalu, P. Lorents. A model-theoretic study of the calculus for systems description. Research report Math 24/90, 14 pp. Inst. of Cybernetics, Tallinn, 1990. report in TUT DL [2.5](#)
- 156. T. Uustalu. A realizability semantics for the calculus of partial inductive definitions. Research report Math 23/90, 9+4 pp. Inst. of Cybernetics, Tallinn, 1990. report in TUT DL [2.5](#)
- 157. T. Uustalu, M. Pentus. Sequent systems of modal calculi. Preprint, 55 pp. Inst. of Cybernetics, Tallinn, 1989. (In Russian.) book in DIGAR [2.5](#)

Edited journal special issues and conference proceedings

- 158. T. Uustalu, J. Vain, guest eds. *J. of Log. and Algebr. Methods in Program.* (special issue for 31st Nordic Wksh. on Programming Theory, NWPT 2019, Tallinn, Nov. 2019), appearing. [4.1](#)
- 159. B. Fischer, T. Uustalu, guest eds. *Theor. Comput. Sci.* (special issue for 15th Int. Coll. on Theoretical Aspects of Computing, ICTAC 2018, Stellenbosch, Oct. 2018), appearing. [4.1](#)
- 160. B. Fischer, T. Uustalu, eds. *Proc. of 15th Int. Coll. on Theoretical Aspects of Computing, ICTAC 2018 (Stellenbosch, Oct. 2018)*, v. 11187 of *Lect. Notes in Comput. Sci.*, xvii+533 pp. Springer, 2018. doi:10.1007/978-3-030-02508-3 [4.1](#)
Scopus 2-s2.0-85055428657, MR 3873408, Zbl 06960602, Inspec 18187678, Compendex 20184406005920
- 161. T. Uustalu, ed. *Proc. of 21st Int. Wksh. on Types for Proofs and Programs, TYPES 2015 (Tallinn, May 2015)*, v. 69 of *Leibniz Int. Proc. in Inform.*, xii+250 pp. Dagstuhl Publishing, 2018. doi:10.4230/lipics.types.2015.0 [4.1](#)
Scopus 2-s2.0-85045435896, MR 3781063, Zbl 06865904, Compendex 20181605030583
- 162. T. Uustalu, J. Vain, guest eds. *J. of Log. and Algebr. Meth. in Program.*, v. 85, n. 6 (special issue for 25th Nordic Wksh. on Programming Theory, NWPT 2013, Tallinn, Nov. 2013), pp. 1109–1317, 2016. doi:10.1016/j.jlamp.2016.10.004 [4.1](#)
WoS [SCI-EXPANDED] 000388062000001, Scopus 2-s2.0-85021667822, MR 3566172, Zbl 1356.00066, Compendex 20172703889436
- 163. N. Swamy, T. Uustalu, guest eds. *J. of Funct. Program.*, v. 25, articles e10, e12, e18, v. 26, articles e1, e2, e4 (collection for 18th Int. Conf. on Functional Programming, ICFP '13, Boston, MA, Sept. 2013), 2015–2016. collection on publisher's website [4.1](#)
- 164. G. Morrisett, T. Uustalu, guest eds. *ACM SIGPLAN Notices*, v. 48, n. 9 (Proc. of ICFP '13 issue), xii+469 pp., 2013. doi:10.1145/2544174 [4.1](#)
Scopus 2-s2.0-84888634338, Compendex 20134917055614
- 165. G. Morrisett, T. Uustalu, eds. *Proc. of 18th ACM SIGPLAN Int. Conf. on Functional Programming, ICFP '13 (Boston, MA, Sept. 2013)*, xii+469 pp. ACM Press, 2013. doi:10.1145/2500365 [4.1](#)
Scopus 2-s2.0-84887206202, Compendex 20134616968577
- 166. R. Matthes, T. Uustalu, guest eds. *Theor. Inform. and Appl.*, v. 47, n. 1 (special issue for 6th Wksh. on Fixed Points in Computer Science, FICS 2009, Coimbra, Sept. 2009), pp. 1–132, 2013. doi:10.1051/ita/2012026 [4.1](#)
WoS [SCI-EXPANDED] 000315619400001, Scopus 2-s2.0-84874463973, MR 3072308, Compendex 20131016086527

167. T. Altenkirch, T. Uustalu, guest eds. *Fundam. Inform.*, v. 102, v. 2 (special issue on Dependently Typed Programming), pp. 145–228, 2010. doi:10.3233/fi-2010-302 4.1
WoS [SCI-EXPANDED] 000282138500001, Scopus 2-s2.0-77957315717, MR 2743190, Zbl 1215.68004, Compendex 20104013273741
168. T. Uustalu, J. Vain, guest eds. *J. of Log. and Algebr. Program.*, v. 79, n. 7 (special issue for 20th Nordic Wksh. on Programming Theory, NWPT 2008, Tallinn, Nov. 2008), pp. 435–703, 2010. doi:10.1016/j.jlap.2010.07.002 4.1
WoS [SCI-EXPANDED] 000282544000001, Scopus 2-s2.0-84865764898, MR 2767109, Zbl 1221.03008, Compendex 20123715420317
169. R. Matthes, T. Uustalu, eds. *Proc. of 6th Wksh. on Fixed Points in Computer Science, FICS 2009 (Coimbra, Sept. 2009)*, 124 pp. Inst. of Cybernetics, Tallinn, 2009. doi:10.23658/taltech.fics/2009 4.2
170. C. McBride, T. Uustalu, guest eds. *J. of Funct. Program.*, v. 19, n. 3–4 (special issue for Wksh. on Mathematically Structured Functional Programming, MSFP 2006, Kuressaare, July 2006), pp. 263–488, 2009. doi:10.1017/s0956796809007242 4.1
WoS [SCI-EXPANDED] 000267240300001, Scopus 2-s2.0-67749098007, MR 2541348
171. T. Uustalu, guest ed. *Sci. of Comput. Program.*, v. 74, n. 8 (special issue for 8th Int. Conf. on Mathematics of Program Construction, MPC 2006, Kuressaare, July 2006), pp. 497–668, 2009. doi:10.1016/j.scico.2009.02.001 4.1
WoS [SCI-EXPANDED] 000266671700001, Scopus 2-s2.0-67349184519, MR 2531383, Zbl 1198.68067, Compendex 20091912069342
172. C. McBride, T. Uustalu, eds. *Proc. of Wksh. on Mathematically Structured Functional Programming, MSFP 2006 (Kuressaare, July 2006)*, *Electron. Wkshs. in Computing*. British Comput. Soc., 2006. doi:10.14236/ewic/msfp2006.0 4.2
173. T. Uustalu, ed. *Proc. of 8th Int. Conf. on Mathematics of Program Construction, MPC 2006 (Kuressaare, July 2006)*, v. 4014 of *Lect. Notes in Comput. Sci.*, x+455 pp. Springer, 2006. doi:10.1007/11783596 4.1
Scopus 2-s2.0-33746059789, MR 2284817 (2007k:68011), Zbl 1107.68016, Inspec 9060977, Compendex 20063010019944
174. V. Vene, T. Uustalu, eds. *Revised Lectures from 5th Int. School on Advanced Functional Programming, AFP 2004 (Tartu, Aug. 2004)*, v. 3622 of *Lect. Notes in Comput. Sci.*, x+357 pp. Springer, 2005. doi:10.1007/11546382 4.1
Scopus 2-s2.0-33646055534, Zbl 1086.68009, Inspec 8788068, Compendex 2006189853295
175. J. Vain, T. Uustalu, guest eds., *Proc. of Estonian Acad. of Sci., Phys., Math.*, v. 52, n. 4 (special issue for 14th Nordic Wksh. in Programming Theory, NWPT '02, Tallinn, Nov. 2002), pp. 333–436, 2003. 4.2
MR 2042716, Zbl 1075.68522, Inspec 11789628

Short abstracts are not included in this list.