

## References

- [1] L. Aceto, W.J. Fokkink, R.J. van Glabbeek & A. Ingólfssdóttir (1996): *Axiomatizing Prefix Iteration with Silent Steps*. *Information and Computation* 127(1), pp. 26–40, doi:10.1006/inco.1996.0047. Available at <http://theory.stanford.edu/~rvg/abstracts.html#37>.
- [2] L. Aceto, W.J. Fokkink, R.J. van Glabbeek & A. Ingólfssdóttir (2004): *Nested Semantics over Finite Trees are Equationally Hard*. *Information and Computation* 191(2), pp. 203–232, doi:10.1016/j.ic.2004.02.001. Available at <http://theory.stanford.edu/~rvg/abstracts.html#54>.
- [3] A. Aliseda, R.J. van Glabbeek & D. Westerståhl, editors (1998): *Computing Natural Language*. *CSLI Lecture Notes* 81, Center for the Study of Language and Information, Stanford University.
- [4] J.C.M. Baeten & R.J. van Glabbeek (1987): *Another look at abstraction in process algebra*. Report CS-R8701, CWI, Amsterdam. Available at <http://www.cse.unsw.edu.au/~rvg/pub/another.pdf>. Extended abstract in Th. Ottmann, editor: *Proceedings 14<sup>th</sup> International Colloquium on Automata, Languages and Programming, ICALP '87*, Karlsruhe, Germany, July 1987, LNCS 267, Springer, 1987, pp. 84–94, doi: 10.1007/3-540-18088-5\_8.
- [5] J.C.M. Baeten & R.J. van Glabbeek (1987): *Another look at abstraction in process algebra (extended abstract)*. In Th. Ottmann, editor: *Proceedings 14<sup>th</sup> International Colloquium on Automata, Languages and Programming, ICALP '87*, Karlsruhe, Germany, July 1987, LNCS 267, Springer, pp. 84–94, doi:10.1007/3-540-18088-5\_8. Available at <http://www.cse.unsw.edu.au/~rvg/pub/another-ea.pdf>.
- [6] J.C.M. Baeten & R.J. van Glabbeek (1987): *Merge and termination in process algebra*. In K.V. Nori, editor: *Proceedings 7<sup>th</sup> Conference on Foundations of Software Technology and Theoretical Computer Science*, Pune, India, December 1987, LNCS 287, Springer, pp. 153–172, doi:10.1007/3-540-18625-5\_49. Available at <http://theory.stanford.edu/~rvg/abstracts.html#4>.
- [7] J.C.M. Baeten & R.J. van Glabbeek (1989): *Abstraction and empty process in process algebra*. *Fundamenta Informaticae* XII, pp. 221–242. Available at <http://www.cse.unsw.edu.au/~rvg/pub/etaepsilon.pdf>.
- [8] B. Bloom, W.J. Fokkink & R.J. van Glabbeek (2000): *Precongruence Formats for Decorated Trace Preorders*. In: *Proceedings 15<sup>th</sup> Annual IEEE Symposium on Logic in Computer Science, LICS 2000*, Santa Barbara, USA, June 2000, IEEE Computer Society Press, pp. 107–118, doi:10.1109/LICS.2000.855760. Available at <http://theory.stanford.edu/~rvg/abstracts.html#44>.
- [9] B. Bloom, W.J. Fokkink & R.J. van Glabbeek (2004): *Precongruence Formats for Decorated Trace Semantics*. *Transactions on Computational Logic* 5(1), pp. 26–78, doi:10.1145/963927.963929. Available at <http://theory.stanford.edu/~rvg/abstracts.html#48>.
- [10] T. Bourke, R.J. van Glabbeek & P. Höfner (2014): *A mechanized proof of loop freedom of the (untimed) AODV routing protocol*. In F. Cassez & J.-F. Raskin, editors: *Proceedings 12th International Symposium on Automated Technology for Verification and Analysis, ATVA 2014*,

Sydney, NSW Australia, November 2014, LNCS 8837, Springer, pp. 47–63, doi:10.1007/978-3-319-11936-6\_5. Available at <http://arxiv.org/abs/1505.05646>.

- [11] T. Bourke, R.J. van Glabbeek & P. Höfner (2014): *Showing Invariance Compositionally for a Process Algebra for Network Protocols*. In G. Klein & R. Gamboa, editors: Proceedings 5th International Conference on *Interactive Theorem Proving*, ITP 2014; held as part of the *Vienna Summer of Logic*, VSL 2014, Vienna, Austria, July 2014, LNCS 8558, Springer, pp. 144–159, doi:10.1007/978-3-319-08970-6\_10. Available at <http://arxiv.org/abs/1407.3519>.
- [12] T. Bourke, R.J. van Glabbeek & P. Höfner (2016): *Mechanizing a Process Algebra for Network Protocols*. *Journal of Automated Reasoning* 56(3), pp. 309–341, doi:10.1007/s10817-015-9358-9. Available at <http://arxiv.org/abs/1512.07304>.
- [13] E. Bres, R.J. van Glabbeek & P. Höfner (2016): *A Timed Process Algebra for Wireless Networks with an Application in Routing*. Technical Report 9145, NICTA. Available at <http://arxiv.org/abs/1606.03663>. Extended abstract in P. Thiemann, editor: *Programming Languages and Systems: Proceedings 25th European Symposium on Programming*, ESOP 2016; held as part of the *European Joint Conferences on Theory and Practice of Software*, ETAPS 2016, Eindhoven, The Netherlands, April 2016, LNCS 9632, Springer, 2016, pp. 95–122.
- [14] E. Bres, R.J. van Glabbeek & P. Höfner (2016): *A Timed Process Algebra for Wireless Networks with an Application in Routing (extended abstract)*. In P. Thiemann, editor: *Programming Languages and Systems: Proceedings 25th European Symposium on Programming*, ESOP 2016; held as part of the *European Joint Conferences on Theory and Practice of Software*, ETAPS 2016, Eindhoven, The Netherlands, April 2016, LNCS 9632, Springer, pp. 95–122, doi:10.1007/978-3-662-49498-1\_5.
- [15] N. Busi, R.J. van Glabbeek & R. Gorrieri (1994): *Axiomatizing ST-bisimulation equivalence*. In E.-R. Olderog, editor: Proceedings IFIP TC2 Working Conference on *Programming Concepts, Methods and Calculi*, San Miniato, Italy, June 1994, IFIP Transactions A-56, North-Holland, pp. 169–188. Available at <http://theory.stanford.edu/~rvg/abstracts.html#29>.
- [16] T. Chen, W.J. Fokkink & R.J. van Glabbeek (2008): *On Finite Bases for Weak Semantics: Failures Versus Impossible Futures*. Available at <http://arxiv.org/abs/0810.4904>. Extended abstract in M. Nielsen, A. Kucera, P.B. Miltersen, C. Palamidessi, P. Tuma & F.D. Valencia, editors: Proceedings 35th Conference on *Current Trends in Theory and Practice of Computer Science (SOFSEM)*, Špindlerův Mlýn, Czech Republic, January 24–30, 2009, LNCS 5404, Springer, pp. 167–180.
- [17] T. Chen, W.J. Fokkink & R.J. van Glabbeek (2008): *Ready to preorder: The case of weak process semantics*. *Inf. Process. Lett.* 109(2), pp. 104–111, doi:10.1016/j.ipl.2008.09.003. Available at <http://theory.stanford.edu/~rvg/abstracts.html#80>.
- [18] T. Chen, W.J. Fokkink & R.J. van Glabbeek (2009): *On Finite Bases for Weak Semantics: Failures Versus Impossible Futures*. In M. Nielsen, A. Kucera, P.B. Miltersen, C. Palamidessi, P. Tuma & F.D. Valencia, editors: Proceedings 35th Conference on *Current Trends in Theory and Practice of Computer Science (SOFSEM)*, Špindlerův Mlýn, Czech Republic, January 24–30, 2009, LNCS 5404, Springer, pp. 167–180, doi:10.1007/978-3-540-95891-8\_18. Available at <http://theory.stanford.edu/~rvg/abstracts.html#81>.

- [19] T. Chen, W.J. Fokkink & R.J. van Glabbeek (2015): *On the Axiomatizability of Impossible Futures*. *Logical Methods in Computer Science* 11(3):17, doi:10.2168/LMCS-11(3:17)2015. Available at <http://arxiv.org/abs/1505.04985>.
- [20] I. Czaja, R.J. van Glabbeek & U. Goltz (1992): *Interleaving semantics and action refinement with atomic choice*. In G. Rozenberg, editor: *Advances in Petri Nets 1992*, LNCS 609, Springer, pp. 89–107, doi:10.1007/3-540-55610-9\_169. Available at <http://theory.stanford.edu/~rvg/abstracts.html#24>.
- [21] Y. Deng & R.J. van Glabbeek (2010): *Characterising Probabilistic Processes Logically*. Available at <http://arxiv.org/abs/1007.5188>. Extended abstract in C.G. Fermüller & A. Voronkov, editors: *Proceedings 17th International Conference on Logic for Programming, Artificial Intelligence and Reasoning (LPAR)*, Yogyakarta, Indonesia, October 2010, LNCS 6397, Springer, 2010, pp. 278–293.
- [22] Y. Deng & R.J. van Glabbeek (2010): *Characterising Probabilistic Processes Logically (extended abstract)*. In C.G. Fermüller & A. Voronkov, editors: *Proceedings 17th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (LPAR-17)*, Yogyakarta, Indonesia, October 10–15, 2010, LNCS 6397, Springer, pp. 278–293, doi:10.1007/978-3-642-16242-8\_20. Available at <http://theory.stanford.edu/~rvg/abstracts.html#86>.
- [23] Y. Deng, R.J. van Glabbeek, M. Hennessy & C.C. Morgan (2008): *Characterising Testing Preorders for Finite Probabilistic Processes*. *Logical Methods in Computer Science* 4(4):4, doi:10.2168/LMCS-4(4:4)2008. Available at <http://theory.stanford.edu/~rvg/abstracts.html#79>.
- [24] Y. Deng, R.J. van Glabbeek, M. Hennessy & C.C. Morgan (2009): *Testing Finitary Probabilistic Processes (extended abstract)*. In M. Bravetti & G. Zavattaro, editors: *Proceedings 20th International Conference on Concurrency Theory (CONCUR 2009)*, Bologna, Italy, September 1–4, 2009, LNCS 5710, Springer, pp. 274–288, doi:10.1007/978-3-642-04081-8\_19. Available at <http://theory.stanford.edu/~rvg/abstracts.html#83>.
- [25] Y. Deng, R.J. van Glabbeek, M. Hennessy & C.C. Morgan (2011): *Real-Reward Testing for Probabilistic Processes (extended abstract)*. In M. Massink & G. Norman, editors: *Proceedings Ninth Workshop on Quantitative Aspects of Programming Languages*, Saarbrücken, Germany, April 1–3, 2011, *Electronic Proceedings in Theoretical Computer Science* 57, Open Publishing Association, pp. 61–73, doi:10.4204/EPTCS.57.5.
- [26] Y. Deng, R.J. van Glabbeek, M. Hennessy & C.C. Morgan (2014): *Real-Reward Testing for Probabilistic Processes*. *Theoretical Computer Science* 538, pp. 16–36, doi:10.1016/j.tcs.2013.07.016. Available at <http://theory.stanford.edu/~rvg/abstracts.html#99>.
- [27] Y. Deng, R.J. van Glabbeek, M. Hennessy, C.C. Morgan & C. Zhang (2007): *Characterising Testing Preorders for Finite Probabilistic Processes*. In: *Proceedings 22nd Annual IEEE Symposium on Logic in Computer Science, LICS 2007*, Wroclaw, Poland, July 2007, IEEE Computer Society Press, pp. 313–322, doi:10.1109/LICS.2007.15. Available at <http://theory.stanford.edu/~rvg/abstracts.html#71>.

- [28] Y. Deng, R.J. van Glabbeek, M. Hennessy, C.C. Morgan & C. Zhang (2007): *Remarks on Testing Probabilistic Processes*. In L. Cardelli, M. Fiore & G. Winskel, editors: *Computation, Meaning, and Logic: Articles dedicated to Gordon Plotkin*, *Electronic Notes in Theoretical Computer Science* 172, Elsevier, pp. 359–397, doi:10.1016/j.entcs.2007.02.013. Available at <http://theory.stanford.edu/~rvg/abstracts.html#69>.
- [29] Y. Deng, R.J. van Glabbeek, C.C. Morgan & C. Zhang (2007): *Scalar Outcomes Suffice for Finitary Probabilistic Testing*. In R. De Nicola, editor: *Proceedings 16th European Symposium on Programming, ESOP 2007, Braga, Portugal, 24 March - 1 April, 2007*, LNCS 4421, Springer, pp. 363–378, doi:10.1007/978-3-540-71316-6\_25. Available at <http://theory.stanford.edu/~rvg/abstracts.html#70>.
- [30] A. Fehnker, R.J. van Glabbeek, P. Höfner, A.K. McIver, M. Portmann & W.L. Tan (2011): *Modelling and Analysis of AODV in UPPAAL*. In: *Proceedings 1st International Workshop on Rigorous Protocol Engineering, WRiPE 2011*. Available at <http://theory.stanford.edu/~rvg/abstracts.html#91>.
- [31] A. Fehnker, R.J. van Glabbeek, P. Höfner, A.K. McIver, M. Portmann & W.L. Tan (2012): *Automated Analysis of AODV Using UPPAAL*. In C. Flanagan & B. König, editors: *Proceedings 18th International Conference on Tools and Algorithms for the Construction and Analysis of Systems, TACAS 2012; held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2012, Tallinn, Estonia, March/April 2012*, LNCS 7214, Springer, pp. 173–187, doi:10.1007/978-3-642-28756-5\_13. Available at <http://theory.stanford.edu/~rvg/abstracts.html#94>.
- [32] A. Fehnker, R.J. van Glabbeek, P. Höfner, A.K. McIver, M. Portmann & W.L. Tan (2012): *A Process Algebra for Wireless Mesh Networks*. In H. Seidl, editor: *Programming Languages and Systems: Proceedings 21st European Symposium on Programming, ESOP 2012; held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2012, Tallinn, Estonia, March/April 2012*, LNCS 7211, Springer, pp. 295–315, doi:10.1007/978-3-642-28869-2\_15. Available at <http://theory.stanford.edu/~rvg/abstracts.html#93>.
- [33] A. Fehnker, R.J. van Glabbeek, P. Höfner, A.K. McIver, M. Portmann & W.L. Tan (2013): *A Process Algebra for Wireless Mesh Networks used for Modelling, Verifying and Analysing AODV*. Technical Report 5513, NICTA, Sydney, Australia. Available at <http://arxiv.org/abs/1312.7645>.
- [34] W.J. Fokkink & R.J. van Glabbeek (1996): *Ntyft/ntyxt rules reduce to ntree rules*. *Information and Computation* 126(1), pp. 1–10, doi:10.1006/inco.1996.0030. Available at <http://theory.stanford.edu/~rvg/abstracts.html#33>.
- [35] W.J. Fokkink & R.J. van Glabbeek (2016): *Divide and Congruence II: Delay and Weak Bisimilarity*. In: *Proceedings 31<sup>st</sup> Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2016, New York, NY, USA, July 2016*, ACM, pp. 778–787, doi:10.1145/2933575.2933590. Available at <http://theory.stanford.edu/~rvg/abstracts.html#116>.
- [36] W.J. Fokkink & R.J. van Glabbeek (2016): *Divide and Congruence II: From Decomposition of Modal Formulas to Preservation of Delay and Weak Bisimilarity*. Technical Report 9351, NICTA. Available at <http://arxiv.org/abs/1604.07530>.

- [37] W.J. Fokkink & R.J. van Glabbeek (2017): *Precongruence Formats with Lookahead through Modal Decomposition*. Available at <http://theory.stanford.edu/~rvg/abstracts.html#122>.
- [38] W.J. Fokkink, R.J. van Glabbeek & P. de Wind (2003): *Compositionality of Hennessy-Milner Logic through Structural Operational Semantics*. In A. Lingas & B.J. Nilsson, editors: Proceedings 14th International Symposium on *Fundamentals of Computation Theory*, FCT 2003, Malmö, Sweden, August 2003, LNCS 2751, Springer, Berlin / Heidelberg, pp. 412–422, doi:10.1007/978-3-540-45077-1\_38. Available at <http://theory.stanford.edu/~rvg/abstracts.html#51>.
- [39] W.J. Fokkink, R.J. van Glabbeek & P. de Wind (2006): *Compositionality of Hennessy-Milner Logic by Structural Operational Semantics*. *Theoretical Computer Science* 354(3), pp. 421–440, doi:10.1016/j.tcs.2005.11.035. Available at <http://theory.stanford.edu/~rvg/abstracts.html#61>.
- [40] W.J. Fokkink, R.J. van Glabbeek & P. de Wind (2006): *Divide and Congruence Applied to  $\eta$ -Bisimulation*. In P.D. Mosses & I. Ulidowski, editors: Proceedings of the Second Workshop on *Structural Operational Semantics*, SOS 2005, Lisbon, Portugal, *Electronic Notes in Theoretical Computer Science* 156(1), Elsevier, pp. 97–113, doi:10.1016/j.entcs.2005.10.029. Available at <http://theory.stanford.edu/~rvg/abstracts.html#62>.
- [41] W.J. Fokkink, R.J. van Glabbeek & P. de Wind (2006): *Divide and Congruence: From Decomposition of Modalities to Preservation of Branching Bisimulation*. In F.S. de Boerm, M.M. Bonsangue, S. Graf & W.-P. de Roever, editors: Revised Lectures Fourth International Symposium on *Formal Methods for Components and Objects*, FMCO '05, Amsterdam, The Netherlands, November 2005, LNCS 4111, Springer, pp. 195–218, doi:10.1007/11804192. Available at <http://theory.stanford.edu/~rvg/abstracts.html#64>.
- [42] W.J. Fokkink, R.J. van Glabbeek & P. de Wind (2012): *Divide and congruence: From decomposition of modal formulas to preservation of branching and  $\eta$ -bisimilarity*. *Information and Computation* 214, pp. 59–85, doi:10.1016/j.ic.2011.10.011. Available at <http://theory.stanford.edu/~rvg/abstracts.html#92>.
- [43] R.J. van Glabbeek (1985): *Good Coverings*. Report nr. 3, Mathematical Institute, University of Leiden, The Netherlands. Available at <http://kilby.stanford.edu/~rvg/pub/good.pdf>.
- [44] R.J. van Glabbeek (1986): *Bounded nondeterminism and the approximation induction principle in process algebra*. Report CS-R8634, CWI, Amsterdam. Extended abstract in F.J. Brandenburg, G. Vidal-Naquet & M. Wirsing, editors: Proceedings *STACS 87*, 4<sup>th</sup> Annual Symposium on Theoretical Aspects of Computer Science, Passau, Germany, February 1987, LNCS 247, Springer, 1987, pp. 336–347, doi: 10.1007/BFb0039617.
- [45] R.J. van Glabbeek (1987): *Bounded nondeterminism and the approximation induction principle in process algebra (extended abstract)*. In F.J. Brandenburg, G. Vidal-Naquet & M. Wirsing, editors: Proceedings *STACS 87*, 4<sup>th</sup> Annual Symposium on *Theoretical Aspects of Computer Science*, Passau, Germany, February 1987, LNCS 247, Springer, pp. 336–347, doi:10.1007/BFb0039617.
- [46] R.J. van Glabbeek (1988): *De semantiek van eindige, sequentiële processen met interne acties*. Syllabus processemantiek, deel 2. Handwritten manuscript, in Dutch.

- [47] R.J. van Glabbeek (1988): *An operational non-interleaved process graph semantics of CCS* (abstract). In E.-R. Olderog, U. Goltz & R.J. van Glabbeek, editors: *Combining Compositionality and Concurrency*, Summary of a GMD-Workshop, Königswinter, March 1988, Arbeitspapiere der GMD 320, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin, pp. 18–19.
- [48] R.J. van Glabbeek (1990): *Comparative Concurrency Semantics and Refinement of Actions*. Ph.D. thesis, Free University, Amsterdam. Introduction available at <http://theory.stanford.edu/~rvg/thesis.html>. Second edition available as *CWI tract 109*, CWI, Amsterdam 1996.
- [49] R.J. van Glabbeek (1990): *The Linear Time – Branching Time Spectrum*. Report CS-R9029, CWI, Amsterdam. Extended abstract in J.C.M. Baeten & J.W. Klop, editors: *Proceedings CONCUR '90, Theories of Concurrency: Unification and Extension*, Amsterdam, August 1990, LNCS 458, Springer, 1990, pp. 278–297, doi: 10.1007/BFb0039066.
- [50] R.J. van Glabbeek (1990): *The Linear Time – Branching Time Spectrum (extended abstract)*. In J.C.M. Baeten & J.W. Klop, editors: *Proceedings CONCUR '90, Theories of Concurrency: Unification and Extension*, Amsterdam, August 1990, LNCS 458, Springer, pp. 278–297, doi:10.1007/BFb0039066.
- [51] R.J. van Glabbeek (1990): *The refinement theorem for ST-bisimulation semantics*. In M. Broy & C.B. Jones, editors: *Proceedings IFIP TC2 Working Conference on Programming Concepts and Methods*, Sea of Gallilee, Israel, April 1990, North-Holland, pp. 27–52. Available at <http://kilby.stanford.edu/~rvg/pub/STbisimulation.pdf>.
- [52] R.J. van Glabbeek (1991): *Bisimulations for higher dimensional automata*. Email message, July 7, 1991. Available at <http://theory.stanford.edu/~rvg/hda>.
- [53] R.J. van Glabbeek (1993): *A complete axiomatization for branching bisimulation congruence of finite-state behaviours*. In A.M. Borzyszkowski & S. Sokolowski, editors: *Proceedings 18<sup>th</sup> International Symposium on Mathematical Foundations of Computer Science, MFCS '93*, Gdansk, Poland, August/September 1993, LNCS 711, Springer, pp. 473–484, doi:10.1007/3-540-57182-5\_39. Available at <http://theory.stanford.edu/~rvg/abstracts.html#25>.
- [54] R.J. van Glabbeek (1993): *Full abstraction in structural operational semantics (extended abstract)*. In M. Nivat, C. Rattray, T. Rus & G. Scollo, editors: *Proceedings of the 3<sup>rd</sup> International Conference on Algebraic Methodology and Software Technology, AMAST'93*, Twente, The Netherlands, June 1993, Workshops in Computing, Springer, pp. 77–84. Available at <http://theory.stanford.edu/~rvg/abstracts.html#28>.
- [55] R.J. van Glabbeek (1993): *The Linear Time – Branching Time Spectrum II; The semantics of sequential systems with silent moves (extended abstract)*. In E. Best, editor: *Proceedings CONCUR'93, 4<sup>th</sup> International Conference on Concurrency Theory*, Hildesheim, Germany, August 1993, LNCS 715, Springer, pp. 66–81, doi:10.1007/3-540-57208-2\_6.
- [56] R.J. van Glabbeek (1993): *The linear time – branching time spectrum II; the semantics of sequential systems with silent moves (preliminary version)*. Manuscript. Available at <http://theory.stanford.edu/~rvg/abstracts.html#26>. Extended abstract in E. Best, editor: *Proceedings CONCUR'93, 4<sup>th</sup> International Conference on Concurrency Theory*, Hildesheim, Germany, August 1993, LNCS 715, Springer, pp. 66–81, doi: 10.1007/3-540-57208-2\_6.

- [57] R.J. van Glabbeek (1994): *On the expressiveness of ACP (extended abstract)*. In A. Ponse, C. Verhoef & S.F.M. van Vlijmen, editors: *Proceedings First Workshop on the Algebra of Communicating Processes, ACP94*, Utrecht, The Netherlands, May 1994, *Workshops in Computing*, Springer, pp. 188–217. Available at <http://theory.stanford.edu/~rvg/abstracts.html#31>.
- [58] R.J. van Glabbeek (1994): *What is branching time semantics and why to use it?* In M. Nielsen, editor: *The Concurrency Column, Bulletin of the EATCS* 53, pp. 190–198. Available at <http://Theory.stanford.edu/~rvg/branching>. Also in G. Paun, G. Rozenberg & A. Salomaa, editors: *Current Trends in Theoretical Computer Science; Entering the 21st Century*, World Scientific, 2001, pp. 469–479.
- [59] R.J. van Glabbeek (1995): *Branching Bisimulation as a Tool in the Analysis of Weak Bisimulation*. Available at <http://theory.stanford.edu/~rvg/abstracts.html#36>.
- [60] R.J. van Glabbeek (1995): *The Meaning of Negative Premises in Transition System Specifications II*. Technical Report STAN-CS-TN-95-16, Stanford University. Available at <http://theory.stanford.edu/~rvg/abstracts.html#32>. Extended abstract in F. Meyer auf der Heide & B. Monien, editors: *Proceedings 23<sup>th</sup> International Colloquium on Automata, Languages and Programming, ICALP '96*, Paderborn, Germany, July 1996, LNCS 1099, Springer, pp. 502–513, doi: 10.1007/3-540-61440-0\_154.
- [61] R.J. van Glabbeek (1996): *Comparative Concurrency Semantics and Refinement of Actions*. CWI Tract 109, CWI, Amsterdam. Second edition of dissertation. Introduction available at <http://theory.stanford.edu/~rvg/thesis.html>.
- [62] R.J. van Glabbeek (1996): *History preserving process graphs*. Draft. Available at <http://theory.stanford.edu/~rvg/abstracts.html#hpgg>.
- [63] R.J. van Glabbeek (1996): *The Meaning of Negative Premises in Transition System Specifications II (extended abstract)*. In F. Meyer auf der Heide & B. Monien, editors: *Proceedings 23<sup>th</sup> International Colloquium on Automata, Languages and Programming, ICALP '96*, Paderborn, Germany, July 1996, LNCS 1099, Springer, pp. 502–513, doi:10.1007/3-540-61440-0\_154. Available at <http://theory.stanford.edu/~rvg/abstracts.html#32>.
- [64] R.J. van Glabbeek (1996): *Petri Nets, Configuration Structures, Propositional Theories and History Preserving Process Graphs (abstract)*. In M. Droste, E.-R. Olderog, B. Steffen & G. Winskel, editors: *Semantics of Concurrent Systems—Foundations and Applications, Dagstuhl-Seminar-Report 144*, Internationales Begegnungs- und Forschungszentrum für Informatik Schloss Dagstuhl, Postfach 15 11 50, D-66041 Saarbrücken, Germany, pp. 14–15. Available at <http://theory.stanford.edu/~rvg/nets-structures-graphs>.
- [65] R.J. van Glabbeek (1997): *Axiomatizing Flat Iteration*. In A. Mazurkiewicz & J. Winkowski, editors: *Proceedings CONCUR '97, 8<sup>th</sup> International Conference on Concurrency Theory*, Warsaw, Poland, July 1997, LNCS 1243, Springer, pp. 228–242, doi:10.1007/3-540-63141-0\_16. Available at <http://theory.stanford.edu/~rvg/abstracts.html#38>.
- [66] R.J. van Glabbeek (1997): *Notes on the methodology of CCS and CSP*. *Theoretical Computer Science* 177(2), pp. 329–349, doi:10.1016/S0304-3975(96)00251-4. Available at <http://theory.stanford.edu/~rvg/abstracts.html#1>. Originally appeared as Report CS-R8624, CWI, Amsterdam, 1986.

- [67] R.J. van Glabbeek (1998): *On the Relative Expressiveness of Petri Nets, Event Structures and Process Algebras* (abstract). In H.-D. Ehrich, U. Goltz & J. Meseguer, editors: *Information Systems as Reactive Systems, Dagstuhl-Seminar-Report 200*, Internationales Begegnungs- und Forschungszentrum für Informatik Schloss Dagstuhl, Postfach 15 11 50, D-66041 Saarbrücken, Germany, p. 12. Available at <http://theory.stanford.edu/~rvg/nets-process-alg>.
- [68] R.J. van Glabbeek (1999): *Do we count from 0 or from 1? The ordinal use of cardinal expressions*. Position paper. Available at <http://kilby.stanford.edu/~rvg/ordinal.html>.
- [69] R.J. van Glabbeek (1999): *Petri Nets, Configuration Structures and Higher Dimensional Automata*. In J.C.M. Baeten & S. Mauw, editors: *Proceedings CONCUR '99, 10<sup>th</sup> International Conference on Concurrency Theory*, Eindhoven, The Netherlands, August 1999, LNCS 1664, Springer, pp. 21–27, doi:10.1007/3-540-48320-9\_3. Available at <http://theory.stanford.edu/~rvg/abstracts.html#42>.
- [70] R.J. van Glabbeek (1999): *The third millennium starts on January 1 of the year 2001*. Position paper. Available at <http://kilby.stanford.edu/~rvg/millennium.html>.
- [71] R.J. van Glabbeek (2001): *Decidability*, an introduction to decidability theory without invoking Church' thesis. Class handout. Available at <http://kilby.stanford.edu/~rvg/154/handouts/decidability.html>.
- [72] R.J. van Glabbeek (2001): *The Linear Time – Branching Time Spectrum I; The Semantics of Concrete, Sequential Processes*. In J.A. Bergstra, A. Ponse & S.A. Smolka, editors: *Handbook of Process Algebra*, chapter 1, Elsevier, pp. 3–99, doi:10.1016/B978-044482830-9/50019-9. Available at <http://theory.stanford.edu/~rvg/abstracts.html#43>.
- [73] R.J. van Glabbeek (2001): *The undefinability of definability*. Class handout. Available at <http://kilby.stanford.edu/~rvg/154/handouts/definability.html>.
- [74] R.J. van Glabbeek (2001): *What is branching time semantics and why to use it?* In G. Paun, G. Rozenberg & A. Salomaa, editors: *Current Trends in Theoretical Computer Science; Entering the 21st Century*, World Scientific, pp. 469–479. Available at <http://Theory.stanford.edu/~rvg/branching>. Also in M. Nielsen, editor: *The Concurrency Column, Bulletin of the EATCS* 53, 1994, pp. 190–198.
- [75] R.J. van Glabbeek (2003): *Liveness respecting semantics*. In L. Aceto, Z. Ésik, W.J. Fokkink & A. Ingólfssdóttir, editors: *Slide Reprints from the Workshop on Process Algebra: Open Problems and Future Directions, PA '03*, Bologna, Italy, July 2003, *BRICS notes NS-03-3*, Department of Computer Science, University of Aarhus, Denmark, pp. 59–63. Available at <http://www.brics.dk/NS/03/3/BRICS-NS-03-3.pdf>.
- [76] R.J. van Glabbeek (2004): *The Meaning of Negative Premises in Transition System Specifications II*. *Journal of Logic and Algebraic Programming* 60–61, pp. 229–258, doi:10.1016/j.jlap.2004.03.007. Available at <http://theory.stanford.edu/~rvg/abstracts.html#53>.
- [77] R.J. van Glabbeek (2005): *A Characterisation of Weak Bisimulation Congruence*. In A. Middeldorp, V. van Oostrom, F. van Raamsdonk & R. de Vrijer, editors: *Processes, Terms and Cycles: Steps on the Road to Infinity: Essays Dedicated to Jan Willem Klop on the Occasion of His 60th*



*Birthday*, LNCS 3838, Springer, pp. 26–39, doi:10.1007/11601548\_4. Available at <http://theory.stanford.edu/~rvg/abstracts.html#65>.

- [78] R.J. van Glabbeek (2005): *Higher-Dimensional Automata and Other Models of Concurrency*. In P. Cousot, L. Fajstrup, E. Goubault, M. Herlihy, K.G. Larsen & M. Rauen, editors: Preliminary Proceedings of the Workshop on *Geometry and Topology in Concurrency*, GETCO '05, San Francisco, USA, August 2005, BRICS Note NS-05-5, Department of Computer Science, University of Aarhus, Denmark, p. 1. Available at <http://theory.stanford.edu/~rvg/abstracts.html#x>.
- [79] R.J. van Glabbeek (2005): *The Individual and Collective Token Interpretations of Petri Nets*. In M. Abadi & L. de Alfaro, editors: Proceedings *CONCUR 2005*, 16<sup>th</sup> International Conference on *Concurrency Theory*, San Francisco, USA, August 2005, LNCS 3653, Springer, pp. 323–337, doi:10.1007/11539452\_26. Available at <http://theory.stanford.edu/~rvg/abstracts.html#59>.
- [80] R.J. van Glabbeek (2005): *On Cool Congruence Formats for Weak Bisimulations (extended abstract)*. In D.V. Hung & M. Wirsing, editors: Proceedings *International Colloquium on Theoretical Aspects of Computing*, ICTAC05, Hanoi, Vietnam, LNCS 3722, Springer, pp. 318–333, doi:10.1007/11560647\_21. Available at <http://theory.stanford.edu/~rvg/abstracts.html#58>.
- [81] R.J. van Glabbeek (2005): *On Specifying Timeouts*. In L. Aceto & A.D. Gordon, editors: Short Contributions from the Workshop on *Algebraic Process Calculi: The First Twenty Five Years and Beyond*, PA '05, Bertinoro, Italy, August 2005, *Electronic Notes in Theoretical Computer Science* 162, Elsevier, pp. 112–113, doi:10.1016/j.entcs.2005.12.083. Available at <http://theory.stanford.edu/~rvg/abstracts.html#60>.
- [82] R.J. van Glabbeek (2005): *On the Expressiveness of Higher Dimensional Automata (extended abstract)*. *Electronic Notes in Theoretical Computer Science* 128(2): Proceedings of the 11th International Workshop on *Expressiveness in Concurrency* (EXPRESS 2004), pp. 5–34, doi:10.1016/j.entcs.2004.11.026. Available at <http://theory.stanford.edu/~rvg/abstracts.html#56>.
- [83] R.J. van Glabbeek (2006): *On the Expressiveness of Higher Dimensional Automata*. *Theoretical Computer Science* 368(1-2), pp. 169–194, doi:10.1016/j.tcs.2006.06.024. Available at <http://theory.stanford.edu/~rvg/abstracts.html#63>.
- [84] R.J. van Glabbeek (2009): *The Linear Time Branching Time Spectrum after 20 years or Full abstraction for safety and liveness properties*. Copies of slides. Invited talk for IFIP WG 1.8 at CONCUR 2009 in Bologna. Available at <http://theory.stanford.edu/~rvg/abstracts.html#20years>.
- [85] R.J. van Glabbeek (2010): *The Coarsest Precongruences Respecting Safety and Liveness Properties*. In C.S. Calude & V. Sassone, editors: Proceedings 6th IFIP TC 1/WG 2.2 International Conference on *Theoretical Computer Science* (TCS 2010); held as part of the *World Computer Congress 2010*, Brisbane, Australia, September 20-23, 2010, *IFIP 323*, Springer, pp. 32–52, doi:10.1007/978-3-642-15240-5\_3. Available at <http://arxiv.org/abs/1007.5491>.

- [86] R.J. van Glabbeek (2011): *Bisimulation*. In D. Padua, editor: *Encyclopedia of Parallel Computing*, Springer, pp. 136–139, doi:10.1007/978-0-387-09766-4\_149. Available at <http://theory.stanford.edu/~rvg/abstracts.html#45>.
- [87] R.J. van Glabbeek (2011): *On Cool Congruence Formats for Weak Bisimulations*. *Theoretical Computer Science* 412(28), pp. 3283–3302, doi:10.1016/j.tcs.2011.02.036. Available at <http://theory.stanford.edu/~rvg/abstracts.html#88>.
- [88] R.J. van Glabbeek (2012): *Musings on Encodings and Expressiveness*. In B. Luttik & M.A. Reniers, editors: *Proceedings Combined 19th International Workshop on Expressiveness in Concurrency and 9th Workshop on Structured Operational Semantics*, Newcastle upon Tyne, UK, September 3, 2012, *Electronic Proceedings in Theoretical Computer Science* 89, Open Publishing Association, pp. 81–98, doi:10.4204/EPTCS.89.7.
- [89] R.J. van Glabbeek (2015): *Structure Preserving Bisimilarity, Supporting an Operational Petri Net Semantics of CCSP*. In R. Meyer, A. Platzer & H. Wehrheim, editors: *Proceedings Correct System Design - Symposium in Honor of Ernst-Rüdiger Olderog on the Occasion of His 60th Birthday*, Oldenburg, Germany, September 8-9, 2015, LNCS 9360, Springer, pp. 99–130, doi:10.1007/978-3-319-23506-6\_9. Available at <http://arxiv.org/abs/1509.05842>.
- [90] R.J. van Glabbeek (2016): *An Algebraic Treatment of Recursion*. In I. Bethke, B. Bredeweg & A. Ponse, editors: *Liber Amicorum for Jan A. Bergstra*, Informatics Institute, University of Amsterdam, pp. 58–59. Available at <http://arxiv.org/abs/1702.07838>.
- [91] R.J. van Glabbeek (2016): *Ensuring Liveness Properties of Distributed Systems (A Research Agenda)*. Position paper. Available at <http://theory.stanford.edu/~rvg/abstracts.html#agenda>.
- [92] R.J. van Glabbeek (2017): *A Branching Time Model of CSP*. In Th. Gibson-Robinson, Ph.J. Hopcroft & R. Lazic, editors: *Concurrency, Security, and Puzzles — Essays Dedicated to Andrew William Roscoe on the Occasion of His 60th Birthday*, LNCS 10160, Springer, pp. 272–293, doi:10.1007/978-3-319-51046-0\_14. Available at <http://arxiv.org/abs/1702.07844>.
- [93] R.J. van Glabbeek (2017): *Lean and Full Congruence Formats for Recursion*. In: *Proceedings 32<sup>nd</sup> Annual ACM/IEEE Symposium on Logic in Computer Science, LICS 2017*, Reykjavik, Iceland, July 2017, IEEE Computer Society Press, to appear. Available at <http://theory.stanford.edu/~rvg/abstracts.html#123>.
- [94] R.J. van Glabbeek & U. Goltz (1989): *Equivalence notions for concurrent systems and refinement of actions*. Arbeitspapiere der GMD 366, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin. Extended abstract in A. Kreczmar & G. Mirkowska: *Proceedings 14<sup>th</sup> Symposium on Mathematical Foundations of Computer Science, MFCS '89*, Porąbka-Kozubnik, Poland, August/September 1989, LNCS 379, Springer, pp. 237–248, doi: 10.1007/3-540-51486-4\_71.
- [95] R.J. van Glabbeek & U. Goltz (1989): *Equivalence notions for concurrent systems and refinement of actions (extended abstract)*. In A. Kreczmar & G. Mirkowska, editors: *Proceedings 14<sup>th</sup> Symposium on Mathematical Foundations of Computer Science, MFCS '89*, Porąbka-Kozubnik, Poland, August/September 1989, LNCS 379, Springer, pp. 237–248, doi:10.1007/3-540-51486-4\_71.

- [96] R.J. van Glabbeek & U. Goltz (1989): *Partial order semantics for refinement of actions—neither necessary nor always sufficient but appropriate when used with care*. *Bulletin of the European Association for Theoretical Computer Science* 38, pp. 154–163.
- [97] R.J. van Glabbeek & U. Goltz (1990): *A Deadlock-sensitive Congruence for Action Refinement*. SFB-Bericht Nr. 342/23/90 A, Institut für Informatik, Technische Universität München. Abstract in E. Best & G. Rozenberg, editors: *Proceedings 3<sup>rd</sup> Workshop on Concurrency and Compositionality*, Goslar, Germany, March 1991, GMD-Studien Nr. 191, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin 1991, pp. 113–116.
- [98] R.J. van Glabbeek & U. Goltz (1990): *Equivalences and Refinement*. In I. Guessarian, editor: *Proceedings Semantics of Systems of Concurrent Processes*, LITP Spring School on Theoretical Computer Science, La Roche Posay, France, April 1990, LNCS 469, Springer, pp. 309–333, doi:10.1007/3-540-53479-2\_13.
- [99] R.J. van Glabbeek & U. Goltz (1990): *Refinement of actions in causality based models*. In J.W. de Bakker, W.P. de Roever & G. Rozenberg, editors: *Proceedings REX Workshop on Stepwise Refinement of Distributed Systems: Models, Formalism, Correctness*, Mook, The Netherlands, May/June 1989, LNCS 430, Springer, pp. 267–300, doi:10.1007/3-540-52559-9\_68.
- [100] R.J. van Glabbeek & U. Goltz (1991): *A Deadlock-sensitive Congruence for Action Refinement* (abstract). In E. Best & G. Rozenberg, editors: *Proceedings 3<sup>rd</sup> Workshop on Concurrency and Compositionality*, Goslar, Germany, March 1991, GMD-Studien Nr. 191, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin, pp. 113–116.
- [101] R.J. van Glabbeek & U. Goltz (2001): *Refinement of Actions and Equivalence Notions for Concurrent Systems*. *Acta Informatica* 37, pp. 229–327, doi:10.1007/s002360000041. Available at <http://theory.stanford.edu/~rvg/abstracts.html#41>.
- [102] R.J. van Glabbeek & U. Goltz (2004): *Well-behaved Flow Event Structures for Parallel Composition and Action Refinement*. *Theoretical Computer Science* 311, pp. 463–478, doi:10.1016/j.tcs.2003.10.031. Available at <http://theory.stanford.edu/~rvg/abstracts.html#46>.
- [103] R.J. van Glabbeek, U. Goltz & E.-R. Olderog (2015): *Special issue on “Combining Compositionality and Concurrency”*: part 1. *Acta Informatica* 52(1), pp. 3–4, doi:10.1007/s00236-014-0213-y.
- [104] R.J. van Glabbeek, U. Goltz & E.-R. Olderog (2015): *Special issue on “Combining Compositionality and Concurrency”*: part 2. *Acta Informatica* 52(4-5), pp. 303–304, doi:10.1007/s00236-015-0240-3.
- [105] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2008): *On Synchronous and Asynchronous Interaction in Distributed Systems*. Technical Report 2008-04, Technical University of Braunschweig. Available at <http://arxiv.org/abs/0901.0048>. Extended abstract in: E. Ochmański & J. Tyszkiewicz, editors: *Proceedings 33rd International Symposium on Mathematical Foundations of Computer Science (MFCS 2008)*, Toruń, Poland, August 2008, LNCS 5162, Springer, pp. 16–35.

- [106] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2008): *On Synchronous and Asynchronous Interaction in Distributed Systems*. In E. Ochmański & J. Tyszkiewicz, editors: Proceedings 33rd International Symposium on *Mathematical Foundations of Computer Science* (MFCS 2008), Toruń, Poland, August 2008, LNCS 5162, Springer, pp. 16–35, doi:10.1007/978-3-540-85238-4\_2. Available at <http://theory.stanford.edu/~rvg/abstracts.html#78>.
- [107] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2008): *Symmetric and Asymmetric Asynchronous Interaction*. Technical Report 2008-03, Technical University of Braunschweig. Available at <http://arxiv.org/abs/0901.0043>. Extended abstract in: F. Bonchi, D. Grohmann, P. Spoletini, A. Troina & E. Tuosto, editors: Proceedings of the First *Interaction and Concurrency Experience* (ICE 2008), ENTCS 229(3), pp. 77-95.
- [108] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2009): *Symmetric and Asymmetric Asynchronous Interaction*. In F. Bonchi, D. Grohmann, P. Spoletini, A. Troina & E. Tuosto, editors: Proceedings of the *First Interaction and Concurrency Experience* (ICE 2008), *Electronic Notes in Theoretical Computer Science* 229(3), Elsevier, pp. 77–95, doi:10.1016/j.entcs.2009.06.040. Available at <http://theory.stanford.edu/~rvg/abstracts.html#77>.
- [109] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2011): *Abstract Processes of Place/Transition Systems*. *Information Processing Letters* 111(13), pp. 626–633, doi:10.1016/j.ipl.2011.03.013. Available at <http://arxiv.org/abs/1103.5916>.
- [110] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2011): *On Causal Semantics of Petri Nets*. Informatik Bericht Nr. 2011-06, Institut für Programmierung und Reaktive Systeme, TU Braunschweig, Germany. Available at <http://theory.stanford.edu/~rvg/abstracts.html#90>. Extended abstract in J.-P. Katoen and B. König, editors: Proceedings 22nd International Conference on *Concurrency Theory*, CONCUR 2011, Aachen, Germany, September 2011, LNCS 6901, Springer, 2011, pp. 43-59.
- [111] R.J. van Glabbeek, U. Goltz & J.-W. Schicke (2011): *On Causal Semantics of Petri Nets (extended abstract)*. In J.-P. Katoen & B. König, editors: Proceedings 22nd International Conference on *Concurrency Theory*, CONCUR 2011, Aachen, Germany, September 2011, LNCS 6901, Springer, pp. 43–59, doi:10.1007/978-3-642-23217-6\_4. Available at <http://theory.stanford.edu/~rvg/abstracts.html#90>.
- [112] R.J. van Glabbeek, U. Goltz & J.-W. Schicke-Uffmann (2012): *On Distributability of Petri Nets*. Informatik Bericht Nr. 2011-10, Institut für Programmierung und Reaktive Systeme, TU Braunschweig, Germany. Available at <http://arxiv.org/abs/1207.3597>. Extended abstract in L. Birkedal, editor: Proceeding 15th International Conference on *Foundations of Software Science and Computational Structures*, FOSSACS 2012; held as part of the *European Joint Conferences on Theory and Practice of Software*, ETAPS 2012, Tallinn, Estonia, March/April 2012, LNCS 7213, Springer, 2012, pp. 331-345.
- [113] R.J. van Glabbeek, U. Goltz & J.-W. Schicke-Uffmann (2012): *On Distributability of Petri Nets (extended abstract)*. In L. Birkedal, editor: Proceeding 15th International Conference on *Foundations of Software Science and Computational Structures*, FOSSACS 2012; held as part of the *European Joint Conferences on Theory and Practice of Software*, ETAPS 2012, Tallinn, Estonia, March/April 2012, LNCS 7213, Springer, pp. 331–345, doi:10.1007/978-3-642-28729-9\_22. Available at <http://theory.stanford.edu/~rvg/abstracts.html#95>.

- [114] R.J. van Glabbeek, U. Goltz & J.-W. Schicke-Uffmann (2013): *On Characterising Distributability*. *Logical Methods in Computer Science* 9(3):17, doi:10.2168/LMCS-9(3:17)2013. Available at <http://arxiv.org/abs/1309.3883>.
- [115] R.J. van Glabbeek, J.F. Groote & P. Höfner (2015): *Preface*, Proceedings Workshop on *Models for Formal Analysis of Real Systems*, Suva, Fiji, November 23, 2015. *Electronic Proceedings in Theoretical Computer Science* 196:0, doi:10.4204/EPTCS.196.0.
- [116] R.J. van Glabbeek, J.F. Groote & P. Höfner, editors (2015): Proceedings Workshop on *Models for Formal Analysis of Real Systems*, Suva, Fiji, November 23, 2015. *Electronic Proceedings in Theoretical Computer Science* 196, Open Publishing Association, doi:10.4204/EPTCS.196.
- [117] R.J. van Glabbeek & M. Hennessy, editors (2006): Proceedings of the 4th Workshop on *Structural Operational Semantics*, Wroclaw, Poland, 9 July 2007. *Electronic Notes in Theoretical Computer Science* 192(1), Elsevier. Available at <http://theory.stanford.edu/~rvg/abstracts.html#72>.
- [118] R.J. van Glabbeek & M. Hennessy (2007): *Preface* Proceedings of the 4th Workshop on *Structural Operational Semantics*, Wroclaw, Poland, 9 July 2007. *Electronic Notes in Theoretical Computer Science* 192(1), pp. 1–3, doi:10.1016/j.entcs.2007.10.001. Available at <http://theory.stanford.edu/~rvg/abstracts.html#72>.
- [119] R.J. van Glabbeek & P. Höfner (2015): *CCS: It's not fair! - Fair schedulers cannot be implemented in CCS-like languages even under progress and certain fairness assumptions*. *Acta Informatica* 52(2-3), pp. 175–205, doi:10.1007/s00236-015-0221-6. Available at <http://arxiv.org/abs/1505.05964>.
- [120] R.J. van Glabbeek & P. Höfner (2015): *Progress, Fairness and Justness in Process Algebra*. Technical Report 8501, NICTA, Sydney, Australia. Available at <http://arxiv.org/abs/1501.03268>.
- [121] R.J. van Glabbeek & P. Höfner (2017): *Split, Send, Reassemble: A Formal Specification of a CAN Bus Protocol Stack*. In H. Hermanns & P. Höfner, editors: Proceedings 2nd Workshop on *Models for Formal Analysis of Real Systems*, Uppsala, Sweden, 29th April 2017, *Electronic Proceedings in Theoretical Computer Science* 244, Open Publishing Association, pp. 14–52, doi:10.4204/EPTCS.244.2.
- [122] R.J. van Glabbeek, P. Höfner, M. Portmann & W.L. Tan (2016): *Modelling and Verifying the AODV Routing Protocol*. *Distributed Computing* 29(4), pp. 279–315, doi:10.1007/s00446-015-0262-7. Available at <http://arxiv.org/abs/1512.08867>.
- [123] R.J. van Glabbeek, P. Höfner, W.L. Tan & M. Portmann (2013): *Sequence Numbers Do Not Guarantee Loop Freedom —AODV Can Yield Routing Loops—*. In: Proceedings 16th ACM International Conference on *Modeling, Analysis and Simulation of Wireless and Mobile Systems*, MSWiM '13, Barcelona, Spain, November 2013, ACM, pp. 91–100, doi:10.1145/2507924.2507943. Available at <http://theory.stanford.edu/~rvg/abstracts.html#100>.
- [124] R.J. van Glabbeek & D.J.D. Hughes (2016): *MALL proof nets identify proofs modulo rule commutation*. Available at <http://theory.stanford.edu/~rvg/abstracts.html#118>.

- [125] R.J. van Glabbeek, B. Luttik & N. Trčka (2009): *Branching Bisimilarity with Explicit Divergence*. *Fundamenta Informaticae* 93(4), pp. 371–392. Available at <http://theory.stanford.edu/~rvg/abstracts.html#67>.
- [126] R.J. van Glabbeek, B. Luttik & N. Trčka (2009): *Computation Tree Logic with Deadlock Detection*. *Logical Methods in Computer Science* 5(4), doi:10.2168/LMCS-5(4:5)2009. Available at <http://theory.stanford.edu/~rvg/abstracts.html#73>.
- [127] R.J. van Glabbeek & P.D. Mosses (2006): *Preface* Proceedings of the 3rd Workshop on *Structural Operational Semantics*, Bonn, Germany, 26 August 2006. *Electronic Notes in Theoretical Computer Science* 175(1), pp. 1–2, doi:10.1016/j.entcs.2006.11.016. Available at <http://theory.stanford.edu/~rvg/abstracts.html#68>.
- [128] R.J. van Glabbeek & P.D. Mosses, editors (2006): Proceedings of the 3rd Workshop on *Structural Operational Semantics*, Bonn, Germany, 26 August 2006. *Electronic Notes in Theoretical Computer Science* 175(1), Elsevier. Available at <http://theory.stanford.edu/~rvg/abstracts.html#68>.
- [129] R.J. van Glabbeek & P.D. Mosses (2009): *Preface, Special Issue on Structural Operational Semantics*. *Information and Computation* 207(2), pp. 83–84, doi:10.1016/j.ic.2008.10.006. Available at <http://theory.stanford.edu/~rvg/abstracts.html#76>.
- [130] R.J. van Glabbeek & B. Ploeger (2008): *Correcting a Space-Efficient Simulation Algorithm*. In A. Gupta & S. Malik, editors: Proceedings 20th International Conference on *Computer Aided Verification* (CAV 2008), Princeton, USA, July 2008, LNCS 5123, Springer, pp. 517–529, doi:10.1007/978-3-540-70545-1\_49. Available at <http://theory.stanford.edu/~rvg/abstracts.html#74>.
- [131] R.J. van Glabbeek & B. Ploeger (2008): *Correcting a Space-Efficient Simulation Algorithm*. CS-Report 08-06, Eindhoven University of Technology. Available at <http://theory.stanford.edu/~rvg/abstracts.html#74>. Extended abstract in A. Gupta & S. Malik, editors: Proceedings 20th International Conference on *Computer Aided Verification* (CAV 2008), Princeton, USA, July 2008, LNCS 5123, Springer, pp. 517–529, doi: 10.1007/978-3-540-70545-1\_49.
- [132] R.J. van Glabbeek & B. Ploeger (2008): *Five Determinisation Algorithms*. In O.H. Ibarra & B. Ravikumar, editors: Proceedings Thirteenth International Conference on *Implementation and Application of Automata* (CIAA 2008), San Francisco, California, USA, July 2008, LNCS 5148, Springer, pp. 161–170, doi:10.1007/978-3-540-70844-5\_17. Available at <http://theory.stanford.edu/~rvg/abstracts.html#75>.
- [133] R.J. van Glabbeek & B. Ploeger (2008): *Five Determinisation Algorithms*. CS-Report 08-14, Eindhoven University of Technology. Available at <http://theory.stanford.edu/~rvg/abstracts.html#75>. Extended abstract in A. Gupta & S. Malik, editors: Proceedings Thirteenth International Conference on *Implementation and Application of Automata* (CIAA 2008), San Francisco, California, USA, July 2008, LNCS 5148, Springer, pp. 161–170, doi: 10.1007/978-3-540-70844-5\_17.
- [134] R.J. van Glabbeek & G.D. Plotkin (1995): *Configuration Structures (extended abstract)*. In D. Kozen, editor: Proceedings 10<sup>th</sup> Annual IEEE Symposium on *Logic in Computer Science*,

- LICS'95, San Diego, USA, June 1995, IEEE Computer Society Press, pp. 199–209, doi:10.1109/LICS.1995.523257. Available at <http://theory.stanford.edu/~rvg/abstracts.html#34>.
- [135] R.J. van Glabbeek & G.D. Plotkin (2004): *Event Structures for Resolvable Conflict*. In J. Fiala, V. Koubek & J. Kratochvíl, editors: *Proceedings 29<sup>th</sup> International Symposium on Mathematical Foundations of Computer Science, MFCS 2004*, Prague, Czech Republic, August 2004, LNCS 3153, Springer, pp. 550–561, doi:10.1007/978-3-540-28629-5\_42. Available at <http://theory.stanford.edu/~rvg/abstracts.html#55>.
- [136] R.J. van Glabbeek & G.D. Plotkin (2009): *Configuration structures, event structures and Petri nets*. *Theoretical Computer Science* 410(41), pp. 4111–4159, doi:10.1016/j.tcs.2009.06.014. Available at <http://arxiv.org/abs/0912.4023>.
- [137] R.J. van Glabbeek & G.D. Plotkin (2010): *On CSP and the Algebraic Theory of Effects*. In C.B. Jones, A.W. Roscoe & K.R. Wood, editors: *Reflections on the Work of C.A.R. Hoare, History of Computing*, Springer, pp. 333–369, doi:10.1007/978-1-84882-912-1\_15. Available at <http://arxiv.org/abs/1007.5488>.
- [138] R.J. van Glabbeek & P. Rittgen (1998): *Scheduling Algebra*. *Arbeitsberichte des Instituts für Wirtschaftsinformatik 12*, Universität Koblenz-Landau, Germany. Available at <http://theory.stanford.edu/~rvg/abstracts.html#40>. Slightly revised version in A.M. Haeberer, editor: *Proceedings of the Seventh International Conference on Algebraic Methodology and Software Technology, AMAST'98*, Amazonia, Brazil, January 1999, LNCS 1548, Springer, 1999, pp. 278–292, doi: 10.1007/3-540-49253-4\_21.
- [139] R.J. van Glabbeek & P. Rittgen (1998): *Scheduling Algebra*. Technical Report STAN-CS-TN-98-87, Stanford University. Available at <http://theory.stanford.edu/~rvg/abstracts.html#40>. Slightly condensed version in A.M. Haeberer, editor: *Proceedings of the Seventh International Conference on Algebraic Methodology and Software Technology, AMAST'98*, Amazonia, Brazil, January 1999, LNCS 1548, Springer, 1999, pp. 278–292, doi: 10.1007/3-540-49253-4\_21.
- [140] R.J. van Glabbeek & P. Rittgen (1999): *Scheduling Algebra*. In A.M. Haeberer, editor: *Proceedings of the 7<sup>th</sup> International Conference on Algebraic Methodology and Software Technology, AMAST'98*, Amazonia, Brazil, January 1999, LNCS 1548, Springer, pp. 278–292, doi:10.1007/3-540-49253-4\_21. Available at <http://theory.stanford.edu/~rvg/abstracts.html#40>.
- [141] R.J. van Glabbeek & J.J.M.M. Rutten (1989): *The processes of De Bakker and Zucker represent bisimulation equivalence classes*. In: *J.W. de Bakker, 25 jaar semantiek, liber amicorum*, CWI, Amsterdam, pp. 243–246.
- [142] R.J. van Glabbeek, S.A. Smolka & B. Steffen (1995): *Reactive, generative, and stratified models of probabilistic processes*. *Information and Computation* 121(1), pp. 59–80, doi:10.1006/inco.1995.1123. Available at <http://theory.stanford.edu/~rvg/abstracts.html#30>.
- [143] R.J. van Glabbeek, S.A. Smolka, B. Steffen & C.M.N. Tofts (1990): *Reactive, generative, and stratified models of probabilistic processes*. In: *Proceedings 5<sup>th</sup> Annual IEEE Symposium on*

*Logic in Computer Science*, LICS'90, Philadelphia, USA, June 1990, IEEE Computer Society Press, pp. 130–141, doi:10.1109/LICS.1990.113740.

- [144] R.J. van Glabbeek & D.G. Stork (2003): *Query Nets: Interacting Workflow Modules that Ensure Global Termination*. In W.M.P. van der Aalst, A.H.M. ter Hofstede & M. Weske, editors: Proceedings International Conference on *Business Process Management*, BPM 2003, Eindhoven, The Netherlands, June 2003, LNCS 2678, Springer, pp. 184–199, doi:10.1007/3-540-44895-0\_13. Available at <http://theory.stanford.edu/~rvg/abstracts.html#49>.
- [145] R.J. van Glabbeek & F.W. Vaandrager (1987): *Petri net models for algebraic theories of concurrency (extended abstract)*. In J.W. de Bakker, A.J. Nijman & P.C. Treleaven, editors: Proceedings *PARLE, Parallel Architectures and Languages Europe*, Eindhoven, The Netherlands, June 1987, Vol. II: Parallel Languages, LNCS 259, Springer, pp. 224–242, doi:10.1007/3-540-17945-3\_13. Available at <http://kilby.stanford.edu/~rvg/pub/petri.pdf>.
- [146] R.J. van Glabbeek & F.W. Vaandrager (1988): *Modular specifications in process algebra—with curious queues*. Report CS-R8821, CWI, Amsterdam. Extended abstract in M. Wirsing & J.A. Bergstra, editors: *Algebraic Methods: Theory, Tools and Applications*, LNCS 394, Springer, 1989, pp. 465–506, doi: 10.1007/BFb0015049.
- [147] R.J. van Glabbeek & F.W. Vaandrager (1989): *Modular specifications in process algebra—with curious queues (extended abstract)*. In M. Wirsing & J.A. Bergstra, editors: *Algebraic Methods: Theory, Tools and Applications*, LNCS 394, Springer, pp. 465–506, doi:10.1007/BFb0015049.
- [148] R.J. van Glabbeek & F.W. Vaandrager (1991): *The Difference Between Splitting in  $n$  and  $n+1$  (abstract)*. In E. Best & G. Rozenberg, editors: Proceedings *3<sup>rd</sup> Workshop on Concurrency and Compositionality*, Goslar, Germany, March 1991, GMD-Studien Nr. 191, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin, pp. 117–121.
- [149] R.J. van Glabbeek & F.W. Vaandrager (1993): *Modular Specification of Process Algebras*. *Theoretical Computer Science* 113(2), pp. 293–348, doi:10.1016/0304-3975(93)90006-F.
- [150] R.J. van Glabbeek & F.W. Vaandrager (1997): *The Difference Between Splitting in  $n$  and  $n+1$ . Information and Computation* 136(2), pp. 109–142, doi:10.1006/inco.1997.2634. Available at <http://boole.stanford.edu/pub/split.pdf>. Abstract in E. Best & G. Rozenberg, editors: Proceedings *3<sup>rd</sup> Workshop on Concurrency and Compositionality*, Goslar, Germany, March 1991, GMD-Studien Nr. 191, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin 1991, pp. 117–121.
- [151] R.J. van Glabbeek & F.W. Vaandrager (2003): *Bundle Event Structures and CCSP*. In R. Amadio & D. Lugiez, editors: Proceedings *CONCUR 2003, 14<sup>th</sup> International Conference on Concurrency Theory*, Marseille, France, September 2003, LNCS 2761, Springer, pp. 57–71, doi:10.1007/978-3-540-45187-7\_4. Available at <http://theory.stanford.edu/~rvg/abstracts.html#52>.
- [152] R.J. van Glabbeek & M. Voorhoeve (2006): *Liveness, Fairness and Impossible Futures*. In C. Baier & H. Hermanns, editors: Proceedings *CONCUR 2006, 17<sup>th</sup> International Conference on Concurrency Theory*, Bonn, Germany, August 2006, LNCS 4137, Springer, pp. 126–141, doi:10.1007/11817949\_9. Available at <http://theory.stanford.edu/~rvg/abstracts.html#66>.



- [153] R.J. van Glabbeek & W.P. Weijland (1989): *Branching Time and Abstraction in Bisimulation Semantics (extended abstract)*. In G.X. Ritter, editor: *Information Processing 89*, Proceedings of the IFIP 11th World Computer Congress, San Francisco 1989, North-Holland, pp. 613–618. Full version in *Journal of the ACM* 43(3), 1996, pp. 555–600.
- [154] R.J. van Glabbeek & W.P. Weijland (1989): *Refinement in Branching Time Semantics*. Report CS-R8922, CWI, Amsterdam. Also appeared in: Proceedings AMAST Conference, May 1989, Iowa, USA, pp. 197–201.
- [155] R.J. van Glabbeek & W.P. Weijland (1990): *Branching Time and Abstraction in Bisimulation Semantics*. Technical Report TUM-I9052, SFB-Bericht Nr. 342/29/90 A, Institut für Informatik, Technische Universität München, Germany. Original version of [156]. Extended abstract in G.X. Ritter, editor: *Information Processing 89*, Proceedings of the IFIP 11th World Computer Congress, San Francisco, USA 1989, Elsevier Science Publishers B.V. (North-Holland), 1989, pp. 613–618.
- [156] R.J. van Glabbeek & W.P. Weijland (1996): *Branching Time and Abstraction in Bisimulation Semantics*. *Journal of the ACM* 43(3), pp. 555–600, doi:10.1145/233551.233556. Available in part at <http://Theory.Stanford.EDU/~rvg/abstraction/>.
- [157] P. Höfner, R.J. van Glabbeek, W.L. Tan, M. Portmann, A.K. McIver & A. Fehnker (2012): *A Rigorous Analysis of AODV and its Variants*. In A.Y. Zomaya, B. Landfeldt & R. Prakash, editors: Proceedings 15th ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems, MSWiM '12, Paphos, Cyprus, October 2012, ACM, pp. 203–212, doi:10.1145/2387238.2387274. Available at <http://theory.stanford.edu/~rvg/abstracts.html#97>.
- [158] P. Höfner, R.J. van Glabbeek & I.J. Hayes (2012): *Preface—Morgan: a suitable case for treatment*. *Formal Aspects of Computing* 24(4–6), pp. 417–422, doi:10.1007/s00165-012-0257-0. Available at <http://theory.stanford.edu/~rvg/abstracts.html#96>. Festschrift, Celebrating the 60th Birthday of Carroll Morgan.
- [159] D.J.D. Hughes & R.J. van Glabbeek (2003): *Proof Nets for Unit-free Multiplicative-Additive Linear Logic (extended abstract)*. In: Proceedings 18<sup>th</sup> Annual IEEE Symposium on Logic in Computer Science, LICS 2003, Ottawa, Canada, June 2003, IEEE Computer Society Press, pp. 1–10, doi:10.1109/LICS.2003.1210039. Available at <http://theory.stanford.edu/~rvg/abstracts.html#50>.
- [160] D.J.D. Hughes & R.J. van Glabbeek (2005): *Proof Nets for Unit-free Multiplicative-Additive Linear Logic*. *ACM Transactions on Computational Logic* 6(4), pp. 784–842, doi:10.1145/1094622.1094629. Available at <http://theory.stanford.edu/~rvg/abstracts.html#57>.
- [161] E.-R. Olderog, U. Goltz & R.J. van Glabbeek (1988): *Combining Compositionality and Concurrency*, Summary of a GMD-Workshop, Königswinter, March 1988. Arbeitspapiere der GMD 320, Gesellschaft für Mathematik und Datenverarbeitung, Sankt Augustin.
- [162] C. Palamidessi, J. Parrow & R.J. van Glabbeek (2000): *Preface* to the special issue of Information and Computation dedicated to EXPRESS'97. *Information and Computation* 156, p. 1, doi:10.1006/inco.1999.2815.

- [163] K. Peters & R.J. van Glabbeek (2015): *Analysing and Comparing Encodability Criteria*. In S. Crafa & D.E. Gebler, editors: Proceedings of the Combined 22th International Workshop on *Expressiveness in Concurrency* and 12th Workshop on *Structural Operational Semantics*, Madrid, Spain, 31st August 2015, *Electronic Proceedings in Theoretical Computer Science* 190, Open Publishing Association, pp. 46–60, doi:10.4204/EPTCS.190.4.
- [164] K. Peters & R.J. van Glabbeek (2015): *Analysing and Comparing Encodability Criteria for Process Calculi*. *Archive of Formal Proofs* 2015. Available at [http://afp.sourceforge.net/entries/Encodability\\_Process\\_Calculi.shtml](http://afp.sourceforge.net/entries/Encodability_Process_Calculi.shtml).
- [165] P.H. Rodenburg & R.J. van Glabbeek (1988): *An interpolation theorem in equational logic*. Report CS-R8838, CWI, Amsterdam.
- [166] D.G. Stork & R.J. van Glabbeek (2002): *Token-controlled place refinement in hierarchical Petri nets with application to active document workflow*. In J. Esparza & C. Lakos, editors: Proceedings 23<sup>rd</sup> International Conference on *Application and Theory of Petri Nets*, ICATPN 2002, Adelaide, Australia, June 2002, LNCS 2360, Springer, pp. 394–413, doi:10.1007/3-540-48068-4\_23. Available at <http://theory.stanford.edu/~rvg/abstracts.html#47>.