

Curriculum Vitae

Anna Ingólfssdóttir

Reykjavik University
School of Science and Engineering
Department of Computer Science

Personal information

Born on 18th of February 1952, Ólafsfjörður, Iceland. Icelandic citizenship.
Married, three children.

Languages

Fluent: Icelandic, English, Danish.

Understanding: Italian.

Education

- Education related to my main subject

DPhil Computer Science, The University of Sussex, 1995.

Cand Scient mathematics/computer science, Aalborg, University, January
1987.

B.Sc. mathematics/physics, The University of Iceland, June 1976.

- Teaching related education

Universitetspædagogik for adjunkter, Aalborg University, 2001.

Uppeldis -og kennslufræði fyrir framhaldsskólakennara University of Iceland,
August 1978.

Research interest

My research interest lies within the area of Theoretical Computer Science
with special emphasis on the following aspects:

- Concurrency theory and its application in software development.
- Mathematical and computational modeling in biology.

Positions

Full Professor, Reykjavík University, since September 2006.

Associate Professor, University of Iceland, Reykjavik, Iceland, July 2004–June 2005.

Temporary Teaching Position (stundakennari), University of Iceland, Reykjavik, Iceland, Spring 2004.

Software Engineer, DeCode Genetics, Reykjavik, Iceland, August 2002–August 2003 (on leave from Aalborg University).

Associate professor, Department of Computer Science, Aalborg University since Jan. 2000.

Research-teaching position, Department of Computer Science, Aalborg University Nov. 1998–Dec. 1999

Visiting researcher, The Chinese Academy of Sciences, Sept.–Oct. 1998.

Researcher, The University of Florence, July 1997–Aug. 1998.

Visiting researcher, LSV, ENS de Cachan, Paris, May 1998.

Researcher, BRICS, Aalborg University, Jan. 1996–Jan. 1997.

Researcher, Aalborg University, July 1995–Jan. 1996.

Assistant Professor, Department of Mathematics and Computer Science, The University of Aalborg, February 1991–July 1995.

Research Fellow, Computer Science and Artificial Intelligence Subject Group, University of Sussex, January 1990–April 1990.

High school teacher in mathematics, Menntaskólinn á Akureyri, Sept. 1976–Sept. 1983.

Grants

The Icelandic Research Council (Rannís) Research project grant, 2006 (for up to 3 years).

The Danish Research Council, a postdoctoral stipendium, February 1997–January 1999.

Basic Research in Computer Science (BRICS), a postdoctoral stipendium, January 1996–January 1997.

Ph.D. stipendium, Århus University, Feb. 1988–Feb. 1991.

Teaching Experience

Courses - undergraduate and masters level:

All the courses have been delivered at the Department of Computer Science, Aalborg University, unless stated otherwise.

- Stærðfræðileg reiknirit (Mathematical algorithmics), B.Sc. course at the Department of Computer Science, Reykjavik University. Spring 2006.
- Stöðuvélar og reiknanleiki (Automata and computability), B.Sc./M.Sc. course at the Department of Computer Science, Reykjavik University. Autumn 2005.
- Rökfræði og hugbúnaðargerð (Logic in computer science), B.Sc. course at the University of Iceland. Spring 2005.
- Reiknirit, rökfræði og reiknanleiki (Algorithms, logic and computability), M.Sc. course at the University of Iceland. Autumn 2004.
- Semantics and Verification, M.Sc. course at the University of Iceland. Spring 2004.
- Computability and Complexity (M.Sc.-students). Autumn 2000-2001.
- Concepts, algorithms and tools for model checking. Specializing course for M.Sc.-students spring 2000.
- Semantics and verification (Semantic theories of concurrency), a M.Sc.-course, spring 1999-2002

- Syntax, Semantics, Theory of Computation and Complexity, a course for B.Sc.-students, spring 1996.
- Denotational semantics, basic concurrency theory, a course for one subject M.Sc.-students, autumn 1993 and 1994.
- Mathematical reasoning (undergraduate), autumn 1993 and 1994.
- Syntax and semantics (undergraduate), spring 1993.
- Operational semantics (M.Sc.-students), spring 1991.
- Diverse seminars/study group activities for M.Sc.-students, 1991-1995.
- Mathematics at high school level, 1976–1983.

Courses - PhD level:

- Logic in Computer Science. Autumn 2001 and 2003.
- *Symbolic Models for Value Passing Calculi*. Invited course at the 1st International School on Formal Methods for the Design of Computer, Communication and Software Systems: Process Algebras, 23–28 July 2001, Bertinoro, Italy. See <http://www.sti.uniurb.it/events/sfm01pa/>.

Supervising student projects:

- Dat1 (the third term of the computer science study with the theme: Development of a large program.) Autumn 1999, 2000.
- Dat2 (the fourth term of the Computer Science study with the theme: Syntax and semantics.) Spring 2000.
- Dat4: (Second term of masters studies) Several projects with the main focus on concurrency theory and its application.
- Dat5-6 (one year devoted to the writing of an M.Sc. thesis and to specialization for a masters degree) Several M.Sc. projects on:
 - Theoretical studies and application of concurrency theory. Academic years 1991-1992 and 1999-2000.
 - applying formal methods in genetics, in particular in connection with linkage analysis. Autumn 2001-spring 2002.

Other teaching related experience

Since 2002 I have been in the Danish national group of external examiners in Computer Science (appointed every 10 years). I have acted as an external examiner in different aspects of theoretical computer science and bioinformatics on both graduate and undergraduate levels at several universities in Denmark.

Administration

- From 2007 I am a member of “Fagráð Rannís fyrir verkfræði, tækni- og raunvísindi”.
- I am the Scientific Co-director of ICE-TCS (Icelandic Center of Excellence in Theoretical Computer Science).
- Secretary of the [IFIP Working Group 1.8 on Concurrency Theory](#) under TC.1.
- I am on the board of BRICS (Basic Research in Computer Science), a research center in collaboration between the computer science departments of Aalborg University and Århus University.
- I am a member of IT-women (UT-konur), an (Icelandic) association that has as its goal to finding ways of making computer science a more attractive subject for women.

Evaluation Committees

- In 2006 I was in an evaluation committee for a promotion to associate professorship in mathematics at Reykjavík University.
- In 2005 I was in an evaluation committee for an assistant professorship at Aalborg University.
- In 2004 I was in an evaluation committee for a permanent position at Reykjavík University (as a representative pointed out by the Ministry of Education in Iceland).
- In 2003 I was in an evaluation committee for an associate professorship at Aalborg University.

- In 2002 I was the chairman of an evaluation committee for an associate professorship at Aalborg University.

Research Related Professional activities

Editorial Boards:

I have acted (or will act) as:

- Guest editor of a special issue of the *Journal of Logic and Algebraic Programming* devoted to Nordic Workshop on Programming Theory 2006.
- Guest editor of a special issue of the *Journal of Logic and Algebraic Programming* devoted to FOSSACS 2006.
- Guest editor of a special issue of *Transactions on Computational Systems Biology* (Springer-Verlag journal), devoted to selected papers from the workshop *BIO-CONCUR 2004*—see entry [1] in the list of edited volumes.
- Guest editor of a special issue of *Theoretical Computer Science* devoted to selected papers from the workshop *Process Algebra: Open Problems and Future Directions* (University of Bologna Residential Center, Bertinoro (Forlì), Italy, July 21–25, 2003)—see entry [2] in the list of edited volumes, and the URL <http://www.cs.auc.dk/~luca/BICI/pa2003.html>.
- Guest editor of a special issue of *Theoretical Informatics and Application* devoted to *FICS 2002*—see entry [3] in the list of edited volumes.

Program Committees:

I have acted (or will act) as:

- A member of the Program Committee for the workshop *FBTC20007 (From Biology to Concurrency and back)*, Satellite workshop of *Concur 2007*, Lisbon August 8, 2007,
- A member of the Program Committee for *NordSec (The 12th Nordic Workshop on Secure IT Systems)*, October 11-12 2007, Reykjavík, Iceland.
- A member of the Program Committee for *FCT 2007 (16th International Symposium on Fundamentals of Computation Theory)*, August 27-30, 2007, Budapest, Hungary.

- A member of the Program Committee for *FOSSACS (Foundations of Software Science and Computation Structures) 2007*.
- Program Committee Co-Chairperson for *NWPT'06* (together with Luca Aceto) for (The 18th Nordic Workshop on Programming Theory), Reykjavík, Iceland, October, 2006
- A member of the Program Committee for *PAuL 06* First International Workshop on Probabilistic Automata and Logics, affiliated with LICS 2006 August 11, 2006 , Seattle, USA.
- Program Committee Co-Chairperson (together with Luca Aceto) for *FOSSACS (Foundations of Software Science and Computation Structures) 2006*, Vienna, Austria, 2006.
- A member of the program committee for *CONCUR 2005* (Conference on Concurrency Theory), Santa Cruz, USA August 2005.
- A member of the program committee for *BIO-CONCUR 2005* (Workshop on Concurrent Models in Molecular Biology), Santa Cruz, USA August 2005.
- Program Committee Co-Chairperson (together with Hanne Riis Nielson) for *BIO-CONCUR 2004* (Workshop on Concurrent Models in Molecular Biology), London, 30 August 2004.
- A member of the Program Committee for *EXPRESS 2004* (11th International Workshop on Expressiveness in Concurrency), London, 30 August 2004.
- A member of the Program Committee for *NETTAB 2004* (Network Tools and Applications in Biology), Camerino, Italy, 5-7 September 2004. A series of workshops in Bioinformatics.
- A member of the program committee for *BIO-CONCUR 2003* (Workshop on Concurrent Models in Molecular Biology), Marseille, 6 September 2003.
- Program Committee Co-Chairperson (together with Zoltan Esik) for *FICS 2002* (workshop on Fixed Points in Computer Science, July 20 and 21, 2002, Copenhagen, Denmark).

Organization of Professional Activities:

- **Second ICE-TCS Symposium on Theoretical Computer Science**, Reykjavík, Iceland, 31 May 2006. (Co-organizer with Luca Aceto and Magnus M. Halldorsson.)
- **Nordic Workshop on Programming Theory 2006**, 18–20 October 2006, Reykjavík, Iceland. (PC co-chair and co-organizer together with Luca Aceto.)
- IFIP WG 1.8 Workshop on Applying Concurrency Research in Industry at CONCUR 2007 in Lisbon on 7 or 8 September 2007. (Co-organizer with Luca Aceto, Jos Baeten, Wan Fokkink, and Uwe Nestmann.)
- Thirtyfifth International Colloquium on Automata, Languages and Programming (ICALP 2008), 7–11 July 2008, Reykjavík, Iceland. (Co-organizer with Luca Aceto and Magnus M. Halldórsson.)
- *Process Algebra: Open Problems and Future Directions* (July 21–25, 2003, University of Bologna Residential Center, Bertinoro (Forlì), Italy). An international workshop I co-organized with Luca Aceto (BRICS and Aalborg University), Zoltán Ésik (University of Szeged) and Wan Fokkink (CWI). See the URL <http://www.cs.auc.dk/~luca/BICI/pa2003.html> for details.
- Chair of the organizing committee for *CONCUR 2001*, (Twelfth International Conference on Concurrency Theory) organized by BRICS in Aalborg, Denmark, 21–24 August 2001.

Invited Talks and Lectures:

- *Reactive Systems: Modelling, Specification and Verification* Invited course at the 12th Estonian Winter School in Computer Science (EWSCS) XII Eesti Arvutiteaduse Talvekool Palmse, Estonia, March 4–9, 2007.
- *Processes as Hidden Markov Models*. Algebraic Process Calculi: The First Twenty Five Years and Beyond August 1–5, 2005 University of Bologna Residential Center Bertinoro (Forlì), Italy
- *Modelling Biological Networks*. Opening lecture at NETTAB 2004 (Models and Metaphors from Biology to Bioinformatics Tools), University of Camerino, Camerino, Italy.

- *Algorithms in Genetic Linkage Analysis*. Invited course at the International School on Computational Sciences for Complex Systems in Biology (CSSB 2004), April 17-24, 2004 (Rovereto, Italy). See <http://www.unitn.it/events/cssb2004/>.
- *Symbolic Models for Value Passing Calculi*. Invited course at the 1st International School on Formal Methods for the Design of Computer, Communication and Software Systems: Process Algebras, 23–28 July 2001, Bertinoro, Italy. See <http://www.sti.uniurb.it/events/sfm01pa/>.

Miscellaneous:

- I contributed to the writing of the “Handbook of Process Algebra” (J. Bergstra, A. Ponse and S. Smolka, editors, published by Elsevier in 2000).
- I have contributed in writing a chapter in the *Festschrift in Honour of Jan Willem Klop’s 60th Birthday*. Cambridge University Press, 2005. See entry [1].
- I have acted as a referee for several conferences (CONCUR, LICS, ICALP, TAPSOFT, CAV, TACAS, STACS, EXPRESS, FICS, BIOCONCUR etc.) and journals (*Journal of the ACM*, *Theoretical Computer Science*, *Annals of Pure and Applied Logic*, *Science of Computer Programming*, *Formal Aspects of Computing* etc.)

Publications

Books

- [1] Luca Aceto, Anna Ingólfssdóttir, Kim G. Larsen, Jiri Srba. *Reactive Systems: Modelling, Specification and Verification*. Cambridge University Press, to appear in 2007

Edited Volumes

- [1] A. Ingólfssdóttir and Hanne R. Nielson. Special issue of *Transactions on Computational Systems Biology* (Springer-Verlag journal), devoted to selected papers from *BIO-CONCUR 2004*. In preparation.
- [2] L. Aceto, Z. Ésik, W. J. Fokkink and A. Ingólfssdóttir. Special issue of *Theoretical Computer Science* devoted to selected papers from *Process Algebra: Open Problems and Future Directions* (July 21–25, 2003, University of Bologna Residential Center, Bertinoro (Forlì), Italy). In preparation.
- [3] Z. Ésik, and A. Ingólfssdóttir. *RAIRO, Theoretical Informatics and Applications*, Volume 37, Number 4, pp. 272–391, October–December 2003. Special Issue: Fixed Points in Computer Science (FICS’02).

Chapters in Books

- [1] Luca Aceto, Wan Fokkink, Anna Ingólfssdóttir, and Bas Luttik. Finite Equational Bases in Process Algebra: Results and Open Questions. To appear in *Festschrift in Honour of Jan Willem Klop’s 60th Birthday*. Cambridge University Press, 2005.
- [2] A. Ingólfssdóttir and H. Lin “Symbolic Methods for Bisimulation Checking for Value-passing Processes”. In J. Bergstra, A. Ponse and S. Smolka (eds.), *Handbook in Process Algebra*, 2001 Elsevier Science B.V.

Journal papers

- [1] L. ACETO, T. CHEN, W. J. FOKKINK AND A. INGÓLFSSDÓTTIR. On the Axiomatizability of Priority. Accepted for publication in a special

issue of *Mathematical Structures in Computer Science* devoted to LMCS 2006. (Flavio Corradini and Carlo Toffalori eds.)

- [2] L. ACETO, W. J. FOKKINK, A. INGÓLFSDÓTTIR AND S. NAIN. Bisimilarity is not Finitely Based over BPA with Interrupt. *Theoretical Computer Science* 366(1–2):60–81, 16 November 2006. Special issue devoted to Algebra and Coalgebra in Computer Science (J. Fiadeiro and J. Rutten guest editors).
- [3] Daniel Gudbjartsson, Thorvaldur Thorvaldsson, Augustin Kong, Gunnar Gunnarsson, Anna Ingólfssdóttir(2005) Allegro version 2. *Nature Genetics*. 37: 1015-1016.
- [4] Anna Ingólfssdóttir, Daniel Gudbjartsson Genetic Linkage Analysis, Algorithms and their Implementation. *Transactions on Computational Systems Biology*, 123-144 (2005).
- [5] L. Aceto, W. J. Fokkink, A. Ingólfssdóttir and B. Luttik. Split-2 Bisimilarity has a Finite Axiomatization over CCS with Hennessy’s Merge. *Logical Methods in Computer Science*, Vol. 1 (1:3), 9 March 2005, 12 pages.
- [6] L. Aceto, W. J. Fokkink, A. Ingólfssdóttir and B. Luttik. **CCS with Hennessy’s Merge has no Finite Equational Axiomatization**. Pp. 29. In press for a special issue of *Theoretical Computer Science* devoted to selected papers from EXPRESS’03 (U. Nestmann and F. Corradini guest editors). Available from Science Direct at the URL <http://dx.doi.org/10.1016/j.tcs.2004.10.003>.
- [7] L. Aceto, W. J. Fokkink, R J. van Glabbeek and A. Ingólfssdóttir. **Nested Semantics over Finite Trees are Equationally Hard**. *Information and Computation* 191(2):203–232, 15 June 2004.
- [8] L. Aceto, Jens A. Hansen, Anna Ingólfssdóttir, Jacob Johnsen and John Knudsen. The Complexity of Checking Consistency of Pedigree Information and Related Problems. Special issue on bioinformatics (Paola Bonazzoni, Gianluca Dalla Vedova and Tao Jiang guest editors) of the *Journal of Computer Science and Technology* 19(1):42–59, January 2004.
- [9] L. Aceto, W. J. Fokkink and A. Ingólfssdóttir. A Note on an Expressiveness Hierarchy for Multi-exit Iteration. *Information Processing Letters* 87(1):17–23, 16 July 2003. Available on-line from [Science Direct](#).

- [10] A. Ingólfssdóttir. A semantic theory for value-passing processes based on the late approach. *Information and Computation* 184(1):1–44, 10 July 2003.
- [11] L. Aceto, Z. Ésik and A. Ingólfssdóttir. Equational Theories of Tropical Semirings. *Theoretical Computer Science* 298(3):417–469, 2003. Available on-line from [Science Direct](#).
- [12] L. Aceto, Z. Ésik and A. Ingólfssdóttir. The Max-Plus Algebra of the Natural Numbers has no Finite Equational Basis. *Theoretical Computer Science* 293(1):169–188, 17 January 2003. Available on-line from [Science Direct](#).
- [13] L. Aceto, Z. Ésik and A. Ingólfssdóttir. A Fully Equational Proof of Parikh’s Theorem. *RAIRO, Theoretical Informatics and Applications* 36(2):129–153, March/April 2002. Available on-line from the journal’s [web site](#).
- [14] L. Aceto and A. Ingólfssdóttir. Corrigendum: Volume 66 (1991), for the Article “A Domain Equation for Bisimulation” by Samson Abramsky, pp. 161–218. *Information and Computation* 165:119–122, 2001.
- [15] L. Aceto, A. Ingólfssdóttir, M.L. Pedersen and J. Poulsen. Characteristic Formulae for Timed Automata. *RAIRO, Theoretical Informatics and Applications* 34(6): 565–584, November/December 2000.
- [16] A. Ingólfssdóttir and A. Schalk. A fully abstract denotational model for observational precongruence. *Theoretical Computer Science*, 254 (2001) 35–61.
- [17] L. Aceto, W. J. Fokkink and A. Ingólfssdóttir. On a Question of A. Salomaa: The Equational Theory of Regular Expressions over a Singleton Alphabet is not Finitely Based. *Theoretical Computer Science* 209(1–2):141–162, 6 December 1998.
- [18] L. Aceto, W.J. Fokkink, and A. Ingólfssdóttir. A menagerie of non-finitely based process semantics over BPA^* : From ready simulation to completed traces. *Mathematical Structures in Computer Science* 8(3):193–230.
- [19] L. Aceto and A. Ingólfssdóttir. A Characterization of Finitary Bisimulation. *Information Processing Letters* 64(3):127–134.

- [20] L. Aceto, Willem Jan Fokkink, Robert Jan van Glabbeek, and A. Ingólfssdóttir. Axiomatizing prefix iteration with silent steps. *Information and Computation*, 127(1):26–40.
- [21] L. Aceto and A. Ingólfssdóttir. CPO Models for Compact GSOS Languages. *Information and Computation*, 129(2):107–141, 15 September 1996.
- [22] A. Ingólfssdóttir. Late and early semantics coincide for testing. *Theoretical Computer Science*, 146(1–2):341–349, 1995.
- [23] M. Hennessy and A. Ingólfssdóttir. Communicating processes with value-passing and assignment. *Journal of Formal Aspects of Computing Science*, 5:432–466, 1993.
- [24] M. Hennessy and A. Ingólfssdóttir. A theory of communicating processes with value-passing. *Information and Computation*, 107(2):202–236, 1993.
- [25] Bernhard Steffen and Anna Ingólfssdóttir. Characteristic formulae for processes with divergence. *Information and Computation*, 110(1):149–163, April 1994.

Refereed conference and workshop papers

- [1] L. ACETO, W. J. FOKKINK, A. INGÓLFSSDÓTTIR AND B. LUTTIK. A Finite Equational Base for CCS with Left Merge and Communication Merge. In the Proceedings of ICALP 2006 (Michele Bugliesi, Bart Preneel, Vladimiro Sassone, Ingo Wegener editors), Lecture Notes in Computer Science 4052 (Part II), pp. 492–503, Springer-Verlag, July 2006.
- [2] L. ACETO, T. CHEN, W. J. FOKKINK AND A. INGÓLFSSDÓTTIR. On the Axiomatizability of Priority. In the Proceedings of ICALP 2006 (Michele Bugliesi, Bart Preneel, Vladimiro Sassone, Ingo Wegener editors), Lecture Notes in Computer Science 4052 (Part II), pp. 480–491, Springer-Verlag, July 2006.
- [3] L. ACETO, W. J. FOKKINK, A. INGÓLFSSDÓTTIR AND S. NAIN. **Bisimilarity is not Finitely Based over BPA with Interrupt**. To appear in the Proceedings of *Conference on Algebra and Coalgebra in Computer Science (CALCO)*, Swansea, Wales, 3–6 September 2005, Lecture Notes in Computer Science, Springer-Verlag, 2005.

- [4] D. Gudbjartsson, G. Gunnarsson, Th. Thorvaldsson, A. Kong, A. Ingólfssdóttir. Decision diagram based multipoint linkage analysis;..... Accepted for presentation at the 5th meeting of the American Society of Human Genetics (ASHG 2004), Toronto, Canada, October 2004.
- [5] A. Ingólfssdóttir, D. Gudbjartsson, G. Gunnarsson, Th. Thorvaldsson. BDD-Based Algorithms in Genetic Linkage Analysis. In the *proceedings of NETTAB 2004*, Camerino, Italy. Lecture Notes in Computer Science, Springer-Verlag.
- [6] L. Aceto, W. J. Fokkink, R J. van Glabbeek and A. Ingólfssdóttir. Nested Semantics over Finite Trees are Equationally Hard (Abstract). To appear in the Proceedings of EXPRESS'03, Electronic Notes in Theoretical Computer Science, volume 67, Elsevier, 2004.
- [7] L. Aceto, Jens A. Hansen, Anna Ingólfssdóttir, Jacob Johnsen and John Knudsen. The Complexity of Checking Consistency of Pedigree Information and Related Problems. In the *Proceedings of the Eighth Italian Conference on Theoretical Computer Science, ICTCS'03, University Center Bertinoro, Italy, 13–15 October 2003* (Carlo Blundo and Cosimo Laneve eds.), Lecture Notes in Computer Science 2841, pp. 174–187, Springer-Verlag, October 2003.
- [8] Daniel Gudbjartsson, Jens A. Hansen, Anna Ingólfssdóttir, Jacob Johnsen and John Knudsen. Correctness Proof for Single Point Algorithms in Linkage Analysis. In the *Proceedings of Computer Aided Systems Theory - EUROCAST 2003, 9th International Workshop on Computer Aided Systems Theory*, Las Palmas de Gran Canaria, Spain, February 24-28, 2003, Revised Selected Papers. Lecture Notes in Computer Science 2809, pp. 372-383, Springer-Verlag, 2003.
- [9] L. Aceto, Z. Ésik and A. Ingólfssdóttir. Equational Axioms for Probabilistic Bisimulation. In the *Proceedings of the 9th International Conference on Algebraic Methodology And Software Technology, AMAST 2002, September 9–13, 2002 St. Gilles les Bains, Reunion Island, France* (H. Kirchner and C. Ringeissen eds.), Lecture Notes in Computer Science 2422, pp. 239–253, Springer-Verlag, September 2002.
- [10] L. Aceto, Z. Ésik and A. Ingólfssdóttir. Nonfinitely Based Tropical Semirings. In the *Proceedings of the Workshop on Max-Plus Algebra and Their Applications to Discrete-event Systems, Theoretical Computer Science, and Optimization* (S. Gaubert and J. J. Loiseau editor), 27–29

August 2001, Prague, Czech Republic, IFAC (International Federation of Automatic Control) Publications, pp. 29–34, Elsevier Science, August 2001.

- [11] L. Aceto, Z. Ésik and A. Ingólfssdóttir. Axiomatizing Tropical Semirings. In the *Proceedings of FOSSACS 2001* (F. Honsell and M. Miculan editors), Lecture Notes in Computer Science 2030, pp. 42–56, Springer-Verlag, April 2001.
- [12] L. Aceto, W. J. Fokkink and A. Ingólfssdóttir. 2-Nested Simulation is not Finitely Equationally Axiomatizable. In the *Proceedings of the 18th International Symposium on Theoretical Aspects of Computer Science* (A. Ferreira and H. Reichel editors), Lecture Notes in Computer Science 2010, pp. 39–50, Springer-Verlag, February 2001.
- [13] K. Haerwig, L. Halkjaer and A. Ingólfssdóttir. Verification of the legOS Scheduler using Uppaal. In *Proceedings of First Workshop on Models for Time-Critical Systems, Electronic Notes in Theoretical Computer Science 39(3)*, Elsevier, August 2000. (URL: <http://www.informatik.uni-trier.de/~ley/db/journals/entcs/entcs39.html>)
- [14] L. Aceto, Z. Ésik and A. Ingólfssdóttir. On the Two-Variable Fragment of the Equational Theory of the Max-Sum Algebra of the Natural Numbers. In the *Proceedings of the 17th International Symposium on Theoretical Aspects of Computer Science* (H. Reichel and S. Tison editors), Lecture Notes in Computer Science 1770, pp. 267–278, Springer-Verlag, February 2000.
- [15] A. Ingólfssdóttir and R. Pugliese. Towards a Verified Lazy Implementation of Concurrent Value-passing Languages. In *Proceedings of EXPRESS 1999, volume 27 of Electronic Notes in Theoretical Computer Science (Ilaria Castellani and Björn Victor eds.)*, Elsevier, 1999. (URL: <http://www.elsevier.nl/locate/entcs/volume7.html>)
- [16] L. Aceto and A. Ingólfssdóttir. Testing Hennessy-Milner Logic with Recursion. In the *Proceedings of Foundations of Software Science and Computation Structures* (W. Thomas editor), Lecture Notes in Computer Science 1578, pp. 41–55, Springer-Verlag, March 1999.
- [17] L. Aceto, Willem Jan Fokkink and A. Ingólfssdóttir. A Cook’s Tour of Equational Axiomatizations for Prefix Iteration. In M. Nivat, editor, *Proceedings of FoSSaCS ’98*, Lisbon, volume 13078 of *Lecture Notes in Computer Science*, pages 20–34.

- [18] L. Aceto, H. Hüttel, A. Ingólfssdóttir and J. Kleist. Relating Semantic Models for the Object Calculus: Preliminary report. In the Proceedings of EXPRESS '97 (Catuscia Palamidessi and Joachim Parrow eds.), volume 7 of Electronic Notes in Theoretical Computer Science, Elsevier, 1997, pp. 1–15. (URL: <http://www.elsevier.nl/locate/entcs/volume7.html>)
- [19] A. Ingólfssdóttir. Weak Semantics based on lighted button pressing experiments, an alternative characterization of the readiness semantics. In Dirk van Dalen and Marc Bezem, editors, *Proceedings of CSL'96*, Utrecht, volume 1258 of *Lecture Notes in Computer Science*, pages 226–243. Springer-Verlag, 1996.
- [20] A. Ingólfssdóttir and A. Schalk. A fully abstract denotational model for observational precongruence, 1995. In Hans Kleine Büning, editor, *Proceedings of CSL'95*, Paderborn, volume 1092 of *Lecture Notes in Computer Science*, pages 335–361. Springer-Verlag, 1995.
- [21] L. Aceto and A. Ingólfssdóttir. CPO models for a class of GSOS languages. In P.D. Mosses, M. Nielsen and M.I. Schwartzbach, editors, *Proceedings of TAPSOFT 95*, Aarhus, volume 915 of *Lecture Notes in Computer Science*, pages 439–453. Springer-Verlag, 1995.
- [22] L. Aceto and A. Ingólfssdóttir. An Equational Axiomatization of Observation Congruence for Prefix Iteration. In the *Proceedings of the Fifth International Conference on Algebraic Methodology and Software Technology* (Munich, Germany), Lecture Notes in Computer Science 1101, pp. 195–209, Springer-Verlag, July 1996.
- [23] L. Aceto and A. Ingólfssdóttir. A theory of testing for ACP. In J.C.M. Baeten and Jan Friso Groote, editors, *Proceedings of CONCUR 91*, Amsterdam, volume 527 of *Lecture Notes in Computer Science*, pages 78–95. Springer-Verlag, 1991.
- [24] M. Hennessy and A. Ingólfssdóttir. A theory of communicating processes with value-passing. M.S. Paterson, editors, *Proceedings of ICALP 90*, Warwick, volume 443 of *Lecture Notes in Computer Science*, pages 209–219. Springer-Verlag, 1990.

Papers in workshop proceedings

- [1] A. Ingólfssdóttir. The equivalence between the late and the early semantics for testing. In *Proceedings of the 5th Nordic Workshop on Program Correctness*, 25–28 October 1993, Turku, Finland, page 16. Technical report, Department of Computer Science, Åbo Akademi University, 1993.
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