

List of publications

Thomas Jensen

December 2024

1 International journals

1. Thomas Jensen. Conjunctive type systems and abstract interpretation of higher-order functional programs. *Journal of Logic and Computation*, 5(4):397–421, 1995.
2. Thomas Jensen. Disjunctive Program Analysis for Algebraic Data Types. *ACM Transactions on Programming Languages and Systems*, 19(5):752–804, 1997.
3. Frédéric Besson, Thomas Jensen, Daniel Le Métayer, Tommy Thorn. Model checking security properties of control flow graphs. *Journal of Computer Security*, 9:217–250, 2001.
4. Ewen Denney, Thomas Jensen. Correctness of Java Card method lookup via logical relations, *Theoretical Computer Science* 283:305–331, 2002.
5. Anindya Banerjee, Thomas Jensen. Modular control-flow analysis with rank-2 intersection types, *Mathematical Structures in Computer Science*, 13(1):87–124, 2003.
6. Fausto Spoto, Thomas Jensen. Class Analyses via Abstract Interpretation of Trace Semantics, *ACM Transactions on Programming Languages and Systems*, 25(5):578–630, 2003.
7. David Cachera, Thomas Jensen, David Pichardie, and Vlad Rusu. Extracting a data flow analyser in constructive logic. *Theoretical Computer Science*, 342(1):56–78, 2005.
8. Frédéric Besson, Thomas de Grenier de Latour, and Thomas Jensen. Interfaces for stack inspection. *Journal of Functional Programming*, 15(2):179–217, 2005.
9. Frédéric Besson, Thomas Jensen, and David Pichardie. Proof-Carrying Code from Certified Abstract Interpretation and Fixpoint Compression. *Theoretical Computer Science*, 364(3):273–291, 2006.

10. Frédéric Besson, Guillaume Dufay, Thomas Jensen, and David Pichardie. Verifying Resource Access Control on Mobile Interactive Devices *Journal of Computer Security*, 18(6):971-998, 2010.
11. David Cachera, Thomas Jensen, Arnaud Jobin, Pascal Sotin Long-run cost analysis by approximation of linear operators over dioids. *Mathematical Structures in Computer Science*, 20(4) :589-624, 2010.
12. Jan Midtgaard, Thomas Jensen. Control Flow Analysis of Function Calls and Returns by Abstract Interpretation. *Information and Computation* 211, pp. 49-76, 2012.
13. Thomas Jensen, Florent Kirchner, David Pichardie. Secure the Clones: Static Enforcement of Policies for Secure Object Copying. *Logical Methods in Computer Science* 8, 2. 2012.
14. David Cachera, Thomas Jensen, Arnaud Jobin, Florent Kirchner: Inference of polynomial invariants for imperative programs: A farewell to Gröbner bases. *Science of Computer Programming* 93, pp. 89-109, 2014.
15. Ahmad Salim Al-Sibahi, Alexandar Dimovski, Thomas Jensen, Andrzej Wasowski. Verification of High-Level Transformations with Inductive Refinement Types, *ACM Trans. on Software Engineering and Methodology*, 30(1):1–33, 2021.
16. Santiago Sara Bautista, Thomas Jensen, Benoit Montagu. An Input-Output Relational Domain for Algebraic Data Types and Functional Arrays, *Formal Methods in System Design*, 74 pages, 2024.
17. Andrzej Filinski, Ken Friis Larsen, Thomas Jensen. Axiomatising an information flow logic based on partial equivalence relations. *J. on Software Tools for Technology Transfer* 26:445–461, Springer, 2024.
18. Luca Olivieri Luca, Luca Negrini, Vincenzo Arceri, Thomas Jensen, Fausto Spoto. Design and Implementation of Static Analyses for Tezos Smart Contracts. *ACM J. on Distributed Ledger Technology*, 2024.

Please note that the two POPL papers [75,74] and ICFP papers [78,79] are published as articles in the new journal *Proceedings of the ACM on Programming Languages*. I have listed them under international conferences.

2 Reviewed international conferences

19. Thomas Jensen, Torben Æ. Mogensen. A Backwards Analysis for Compile Time Garbage Collection, *Proc. of European Symposium on Programming (ESOP'90)*, Springer LNCS 432, p. 227–239, 1990.

20. Samson Abramsky and Thomas Jensen. A relational approach to strictness analysis of higher order polymorphic functions. *Proc. 18th ACM Symposium on Principles of Programming Languages (POPL'91)*. ACM Press, 1991.
21. Thomas Jensen. Strictness analysis in logical form. *Proc. of 5th ACM Conference on Functional Programming Languages and Computer Architecture (FPCA'92)*, Springer LNCS vol. 523, 1991.
22. Eric Goubault and Thomas Jensen. Homology of higher dimensional automata. *Proc. of 3rd International Conference on Concurrency Theory (CONCUR)*, Springer LNCS vol. 630, 1992.
23. Thomas Jensen. Disjunctive strictness analysis. *Proc. of 7th IEEE Symposium on Logic In Computer Science (LICS'92)*. Computer Society Press of the IEEE, 1992.
24. Thomas Jensen. Abstract interpretation over algebraic data types. *Proc. 5th IEEE International Conference on Computer Languages*. IEEE Press, May 1994.
25. Thomas Jensen. Clock analysis of synchronous dataflow programs. *Proc. of ACM Symposium on Partial Evaluation and Semantics-Based Program Manipulation (PEPM'95)*, ACM Press, San Diego, 1995.
26. Thomas Jensen, and Ian Mackie. Flow Analysis in the Geometry of Interaction. *Proc. of European Symposium on Programming (ESOP'96)*, Linköping. Springer LNCS, 1996.
27. Thomas Jensen, Inference of polymorphic and conditional strictness properties, *Proc. of 25th ACM Symposium on Principles of Programming Languages*, ACM Press, 1998.
28. Thomas Jensen, Daniel Le Métayer, Tommy Thorn, Security and dynamic class loading in Java : a formalisation, *Proc. of 6th IEEE Int. Conference on Computer Languages*, IEEE Press, 1998.
29. Thomas Jensen, Daniel Le Métayer, Tommy Thorn, Verification of control flow based security properties, *Proc. of the 20th IEEE Symp. on Security and Privacy*, New York: IEEE Computer Society, p. 89–103, 1999.
30. Frédéric Besson, Thomas Jensen, Jean-Pierre Talpin, Polyhedral analysis for synchronous languages. *Proc. of 7th Int. Symp. on Static Analysis*. Springer LNCS vol. 1694, 1999.
31. Ewen Denney, Thomas Jensen, Correctness of Java Card method lookup via logical relations, *Proc. of European Symposium on Programming*, Springer LNCS vol. 1782, p. 104–118, 2000.
32. Thomas Jensen, Fausto Spoto, Class analysis of object-oriented programs through abstract interpretation, *Proc. of Foundations of Software Science and Computation Structures (FoSSaCS'01)*, Springer LNCS vol. 2030, p. 261–275, 2001.

33. Marc Éluard, Thomas Jensen, Ewen Denney, An Operational Semantics of the Java Card Firewall, *Proc. of Int. Conference on Research in Smart Card Programming and Security (e-Smart 2001)*, Springer LNCS, p. 95–110, 2001.
34. Frédéric Besson, Thomas de Grenier de Latour, Thomas Jensen: Secure calling contexts for stack inspection. *Proc. of 4th Int Conf. on Principles and Practice of Declarative Programming (PPDP 2002)*, p. 76–87, ACM Press, 2002.
35. Marc Éluard, Thomas Jensen: Secure object flow analysis for Java Card, *Proc. of 5th Smart Card Research and Advanced Application Conference (Cardis'02)*, p. 97–110, USENIX, 2002.
36. Frédéric Besson, Thomas Jensen: Modular control flow analysis with Datalog, *Proc. of 10th Static Analysis Symposium (SAS 2003)*, Springer LNCS vol. 2694, pp. 19–36, 2003.
37. David Cachera, Thomas Jensen, David Pichardie, Vlad Rusu. Extracting a Data Flow Analyser in Constructive Logic, *Proc. of 13th European Symposium on Programming (ESOP'04)*, Springer LNCS vol. 2986, p. 385–400, 2004.
38. Gervan Le Guernic and Thomas Jensen. Monitoring information flow. In Andrei Sabelfeld, editor, *Proceedings of the 2005 Workshop on Foundations of Computer Security (FCS'05)*, pages 19–30. DePaul University, June 2005.
39. David Cachera, Thomas Jensen, David Pichardie, and Gerardo Schneider. Certified memory usage analysis. In *Proc. of 13th International Symposium on Formal Methods (FM'05)*, pages 91–106. Springer LNCS vol. 3582, 2005.
40. Frédéric Besson, Thomas Jensen, and David Pichardie. A PCC Architecture based on Certified Abstract Interpretation. In *Proc. of 1st International Workshop on Emerging Applications of Abstract Interpretation (EAAI'06)*, ENTCS. Springer-Verlag, 2006.
41. Frédéric Besson, Guillaume Dufay, and Thomas Jensen. A formal model of access control for mobile interactive devices. In *11th European Symposium On Research In Computer Security (ESORICS'06)*, Springer LNCS vol. 4189, 2006.
42. Pascal Sotin, David Cachera, and Thomas Jensen. Quantitative Static Analysis over semirings: analysing cache behaviour for Java Card. In *QAPL06, Quantitative Aspects of Programming Languages*, volume 1380 of *Electronic Notes in Theoretical Computer Science*. Elsevier, 2006.
43. Gervan Le Guernic, Anindya Banerjee, Thomas Jensen, and David Schmidt. Automaton-based confidentiality monitoring. In *Proceedings of the 11th Annual Asian Computing Science Conference 2006*, pages 75–89. Springer LNCS vol. 4435, 2006.
44. Frédéric Besson, Thomas Jensen, Tiphaine Turpin. Small witnesses for abstract interpretation based proofs. In *Proceedings of the 16th European Symp. on Programming (ESOP 2007)*, Springer LNCS vol. 4421, 2007.

45. Yohann Boichut, Thomas Genet, Thomas Jensen, Luka Leroux. Rewriting Approximations for Fast Prototyping of Static Analyzers. In *Proc of Rewriting Techniques and Applications (RTA'07)*, Springer LNCS vol. 4533, pages 48–62, 2007.
46. Gilles Barthe, Pierre Cregut, Benjamin Gregoire, Thomas Jensen, David Pichardie. The Mobius Proof Carrying code infrastructure. In *Post-proc. of Formal Methods for Components and Objects (FMCO'07)*, Springer LNCS, 2008.
47. Laurent Hubert, Thomas Jensen, and David Pichardie. Semantic foundations and inference of non-null annotations. In *Formal Methods for Open Object-Based Distributed Systems (FMOODS'08)*, Springer LNCS vol. 5051, pages 132–149. 2008.
48. Frédéric Besson, Thomas Jensen, Tiphaine Turpin. Computing Stack Maps with Interfaces, In *Proc. of the 22nd European Conference on Object-Oriented Programming (ECOOP'08)*, Springer LNCS vol. 5142, pages 642–666, 2008.
49. Jan Midtgaard and Thomas Jensen. A Computational Approach to Control-Flow Analysis by Abstract Interpretation. In *15th International Static Analysis Symposium, (SAS 2008)*, Springer LNCS vol. 5079, pages 347–362, 2008.
50. David Cachera and Thomas Jensen and Arnaud Jobin and Pascal Sotin. Long-Run Cost Analysis by Approximation of Linear Operators over Dioids. In *Proc. of the 12th International Conference on Algebraic Methodology and Software Technology (AMAST'08)*, Springer LNCS vol. 5140, pages 122–138, 2008.
51. Benoit Boyer, Thomas Genet, Thomas Jensen. Certifying a Tree Automata Completion Checker. In *Proc. of Internatioanl Joint Conference on Automated Reasoning (IJCAR'08)*, Springer LNCS vol. 5195, 2008.
52. Frédéric Besson and David Cachera and Thomas Jensen and David Pichardie. Certified Static Analysis by Abstract Interpretation. *Foundations of Security Analysis and Design (FOSAD 2009)*, Springer LNCS vol. 5705, 2009.
53. Jan Midtgaard and Thomas Jensen. Control-flow analysis of function calls and returns by abstract interpretation. *Proc. of the 14th ACM International Conference on Functional Programming*, pp. 287–298. ACM Press, 2009.
54. Frédéric Besson, Thomas Jensen, David Pichardie, Tiphaine Turpin. Certified Result Checking for Polyhedral Analysis of Bytecode Programs. *Proc. of the 5th International Symposium on Trustworthy Global Computing (TGC 2010)*, Springer LNCS 6084, 2010.
55. Laurent Hubert, Thomas Jensen, Vincent Montfort, David.Pichardie. Enforcing secure object initialization in Java. *Proc. of 15th European Symp. on Research in Computer Security (ESORICS 2010)*, Springer LNCS vol. 6345, pages 101–115, 2010.

56. Delphine Demange, Thomas Jensen, David Pichardie. A Provably Correct Stackless Intermediate Representation for Java Bytecode. *Proc. of 8th Asian Symp. on Programming Languages and Systems (APLAS 2010)*, Springer LNCS vol. 6461, pages 97–113, 2010.
57. Laurent Hubert, Nicolas Barré, Frédéric Besson, Delphine Demange, Thomas Jensen, Vincent Monfort, David Pichardie, Tiphaine Turpin. Sawja: Static Analysis Workshop for Java. *Proc. of 1st International Conference on Formal Verification of Object-Oriented Software (FoVeOOS)*, Springer LNCS vol. 6528, 2010.
58. Thomas Jensen, Florent Kirchner, David Pichardie. Secure the Clones: Static Enforcement of Policies for Secure Object Copying. *Proc. of 20th European Symposium on Programming (ESOP 2011)*, Springer LNCS vol. 6602, p. 317-337, 2011.
59. David Cachera, Thomas Jensen, Arnaud Jobin, Florent Kirchner. Inference of polynomial invariants for imperative programs: a farewell to Gröbner bases. *Proc. of 19th Int. Static Analysis Symposium (SAS 2012)*. Springer LNCS vol. 7460, pages 58–74. 2012.
60. Frédéric Besson. Pierre Cornilleau, Thomas Jensen. Result Certification of Static Program Analysers with Automated Theorem Provers. In *Proc. of 5th Conf. on Verified Software: Theories, Tools and Experiments (VSTTE'13)*, pp. 304-325, 2013.
61. Frédéric Besson, Nataliia Bielova and Thomas Jensen. Hybrid Information Flow Monitoring Against Web Tracking. *Proc. of IEEE Computer Security Foundations Symp. (CSF'13)*, pp. 240-254, 2013.
62. Frédéric Besson, Nataliia Bielova, Thomas Jensen. Browser Randomisation against Fingerprinting: A Quantitative Information Flow Approach. *Proc. of 19th Nordic Conf. on Secure IT Systems (NordSec 2014)* Springer LNCS vol. 8788, pp. 181-196. 2014.
63. Frédéric Besson, Thomas Jensen, Pierre Vittet: SawjaCard: A Static Analysis Tool for Certifying Java Card Applications, *Proc. of 21st Int. Static Analysis Symposium (SAS 2014)*, Springer LNCS vol. 8723 pp. 51-67, 2014.
64. José Santos, Thomas Jensen, Tamara Rezk, Alan Schmitt Hybrid Typing of Secure Information Flow in a JavaScript-Like Language. *Proc. of 10th Trustworthy Global Computing (TGC'15)*, Springer LNCS vol. 9533, pp. 63-78, 2015.
65. Oana Andreescu, Thomas Jensen, Stéphane Lescuyer: Dependency Analysis of Functional Specifications with Algebraic Data Structures. *Proc. 17th Int. Conf on Formal Engineering Methods (ICFEM 2015)*, Springer LNCS vol. 9407, pp. 116-133, 2015

66. Martin Bodin, Thomas Jensen, Alan Schmitt: Certified Abstract Interpretation with Pretty-Big-Step Semantics. *Proc. of ACM Conf. on Certified Programs and Proofs (CPP'15)*, pp. 29-40, ACM Press, 2015.
67. Frédéric Besson, Nataliia Bielova and Thomas Jensen: Hybrid Monitoring of Attacker Knowledge. *Proc. of IEEE Computer Security Foundations Symp. (CSF'16)*, pp. 225-238 2016.
68. Oana Andreescu, Thomas Jensen, Stéphane Lescuyer: Correlating Structured Inputs and Outputs in Functional Specifications. *Proc. of 14th Int Conf. on Software Engineering and Formal Methods (SEFM 2016)*. Springer LNCS vol. 9763, pp. 85-103, 2016
69. Pauline Bolognani, Thomas Jensen, Vincent Siles: Modeling and abstraction of memory management in a hypervisor. *Proc. of Fundamental Approaches to Software Engineering (FASE'16)*. Springer LNCS vol. 9633, pp. 214-230, 2016
70. Ahmad Salim Al-Sibahi, Alexandar Dimovski, Thomas Jensen, Andrzej Wasowski, Verification of High-Level Transformations with Inductive Refinement Types, *17th ACM Int. Conference on Generative Programming: Concepts & Experience GPCE 2018*, pages 1-14, 2018. **Best paper award.**
71. Frédéric Besson and Alexandre Dang and Thomas P. Jensen Securing Compilation Against Memory Probing *Proc. 13th Workshop on Programming Languages and Analysis for Security, PLAS@CCS 2018*, pages 29–40, ACM, 2018.
72. Thomas Genet, Timothée Haudebourg, Thomas P. Jensen Verifying Higher-Order Functions with Tree Automata. *Proc. of 21st Int. Conf. on Foundations of Software Science and Computation Structures (FoSSaCS 2018)*, Springer LNCS vol. 10803, pages 565-582, 2018.
73. Frédéric Besson, Thomas Jensen, Julien Lepiller. Modular Software Fault Isolation as Abstract Interpretation. *Proc. of 25th Static Analysis Symposium (SAS 2018)*, Springer LNCS vol. 11002, pages 166-186, 2018.
74. Martin Bodin, Philippa Gardner, Thomas Jensen, Alan Schmitt. Skeletal semantics and their interpretations. *Proc. ACM Program. Lang. 3(POPL):44:1–44:31*, 2019.
75. Oana Andreescu, Thomas Jensen, Stéphane Lescuyer, Benoît Montagu. Inferring frame conditions with static correlation analysis. *Proc. ACM Program. Lang. 3(POPL):47:1–47:29*, 2019.
76. Frédéric Besson, Alexandre Dang, Thomas Jensen, Information-Flow Preservation in Compiler Optimisations. *Proc. of 32nd IEEE Computer Security Foundations Symp. (CSF'19)*, IEEE, 2019.
77. Frédéric Besson, Sandrine Blazy, Alexandre Dang, Thomas Jensen, Pierre Wilke. Compiling Sandboxes: Formally Verified Software Fault Isolation. *Proc. of 28. European Symp. on Programming (ESOP 2019)*, Springer LNCS vol. 11423, pp. 499-524, 2019.

78. Benoît Montagu, Thomas Jensen. Stable Relations and Abstract Interpretation of Higher-Order Programs. *Proc. ACM Program. Lang.* 4(ICFP):119, 30 pages, 2020.
79. Timothée Haudebourg, Thomas Genet, Thomas Jensen. Regular Language Type Inference with Term Rewriting. *Proc. ACM Program. Lang.* 4(ICFP):112, 29 pages, 2020
80. Benoît Montagu, Thomas Jensen. Trace-based Control-Flow Analysis *Proc. of the 42nd ACM Int. Conference on Programming Language Design and Implementation (PLDI '21)*, ACM Press, 2021.
81. Santiago Bautista, Thomas Jensen, Benoît Montagu. Lifting Numeric Relational Domains to Algebraic Data Types. *Proc. of 29th Int. Static Analysis Symposium (SAS 2022)* Springer LNCS, 25 pp., 2022.
82. Theo Losekoot, Thomas Genet, Thomas Jensen. Automata-based verification of relational properties of functions over data structures. *Proc. of 8th Int. Conf. on Formal Structures for Computation and Deduction (FSCD 2023)*, pp. 3:1–22. Leibniz International Proceedings in Informatics, 2023
83. Frédéric Besson, Thomas Jensen, Gautier Raimondi. Type-directed Program Transformation for Constant-Time Enforcement *Proc. of 25th Int. Symp. on Principles and Practice of Declarative Programming (PPDP 2023)*. ACM Press, 2023
84. Theo Losekoot, Thomas Genet, Thomas Jensen. Verification of programs with ADTs using Shallow Horn Clauses. *Proc. of 31st Int. Static Analysis Symposium (SAS 2024)* Springer LNCS, 2024

3 Books and book chapters

85. Thomas Jensen. *Abstract Interpretation in Logical Form*. PhD thesis, Imperial College, University of London, December 1992.
86. Thomas Jensen, *Analyse statiques de programmes : fondements et applications*, document d'habilitation à diriger des recherches, Université de Rennes 1, 1999.
87. Isabelle Attali and Thomas Jensen (eds), *Proceedings of the International Workshop on Java Card (Java Card 2000)*, septembre 2000, Springer Lecture Notes in Computer Science vol. 2041.
88. Isabelle Attali and Thomas Jensen (eds), *Proceedings of the International Conference on Research in Smart Card Programming and Security (e-Smart 2001)*, septembre 2001, Springer Lecture Notes in Computer Science vol. 2140
89. Marieke Huisman and Thomas Jensen (eds.), *Journal of Logic and Algebraic Programming, special issue on Smart Cards*, volume 58(1-2), January-March 2004,

90. Michael Ernst and Thomas Jensen, (eds). *Proc. of 6th ACM SIGSOFT-SIGPLAN Workshop on Program Analysis for Software Tools and Engineering*. ACM, September 2005.
91. Ewen Denney and Thomas Jensen, (eds). *Proc of the 2009 Workshop on Proof Carrying Code and Software Certification*, August, NASA Publication Series, 2009
92. Sandrine Blazy and Thomas Jensen (eds). *Static Analysis: 22nd Int. Symposium (SAS 2015). Proceedings*, Springer LNCS vol. 9291, 2015.

4 Other international publications (posters, short papers)

93. Thomas Jensen. Axiomatising uniform properties of recursive data structures. *Proc. of 2nd Workshop on Static Analysis*, Bigre no. 81–82, 1992.
94. Lindsay Errington, Chris Hankin, and Thomas Jensen. A congruence for Gamma programs. *Proc. 3rd International Workshop on Static Analysis*, Springer LNCS vol. 724, 1993.
95. Igor Siveroni, Thomas Jensen, Marc Éluard, A Formal Specification of the Java Card Applet Firewall, *Proc. of Nordic Workshop on Secure IT-Systems*, 2001.
96. Thomas Jensen, Florimond Poyette, Olivier Ridoux: Iteration Schemes for fixed point computation, *Proc. of 4th Int workshop on Fixed Points in Computer Science (FICS'02)*, Copenhagen, 2002.
97. Luca Olivieri, Thomas P. Jensen, Luca Negrini, Fausto Spoto MichelsonLiSA: A Static Analyzer for Tezos *Proc. of IEEE Int. Conf. on Pervasive Computing and Communications Workshops*, 80–85, 2023.
98. Thomas P. Jensen, Vincent Rebiscoul, Alan Schmitt Deriving Abstract Interpreters from Skeletal Semantics *Proc. of the Combined 30th International Workshop on Expressiveness in Concurrency and 20th Workshop on Structural Operational Semantics, EXPRESS/SOS, EPTCS vol. 387:97–113*, 2023.

5 National journals

99. Marc Eluard, Thomas Jensen. Validation du contrôle d'accès dans des cartes à puce multiapplications, *Technique et Science Informatiques*, 23(3): 323–358, 2004.

6 Reviewed national conferences

100. Lionel van Aertryck, Thomas Jensen, UML-CASTING: Test synthesis from UML models using constraint resolution, *Proc. Approches Formelles dans l'Assistance au Développement de Logiciels (AFADL'2003)*, INRIA, 15 pp. 2003.

7 Other publications

Patents

101. Patent No. 99 08460 “Procédé de vérification de transformateurs de codes pour un système embarqué, notamment sur une carte à puce”, l’Institut National de Propriété Industrielle le 1 juillet 1999. Transferred to Bull CP 8 the 15 octobre 2004.
102. Patent No WO/2007/135316 “Determination of numbers of critical path methods calls in an object language application”, with France Télécom, 2007.

Industrial guidelines and road maps

103. Guide de règles et de recommandations relatives au développement d’applications de sécurité en Java. ANSSI, 2009 <https://www.ssi.gouv.fr/agence/publication/securite-et-langage-java/>
104. Thomas Jensen (editor) Updated SPARTA Strategic Research and Innovation Agenda (Road map), 2022. <https://www.sparta.eu/assets/deliverables/SPARTA-D3.4-Updated-SPARTA-SRIA-roadmap-v3-PU-M36.pdf>

Invited talks and articles

105. Thomas Jensen. Semantics-based security analysis, Invited talk, *17th International Conference on Mathematical Foundations of Programming Semantics (MFPS XVII)*, mai 2001.
106. Thomas Jensen. Types in program analysis, in: *The Essence of Computation: Complexity, Analysis, Transformation. Essays Dedicated to Neil D. Jones*, Springer LNCS vol. 2566 p. 204–222, 2002.
107. Thomas Jensen. Certificates for resource usage on mobile telephones, Invited talk, *2nd IEEE International Symposium on Leveraging Applications of Formal Methods, Verification and Validation (Isola 2006)*, November 2006.
108. Thomas Jensen. Certificates for resource usage on mobile telephones, Invited talk, *7th Int. Workshop on Issues in the Theory of Security (WITS'07)*, March 2007.
109. Thomas Jensen. Static Analysis for Extended Byte Code Verification, invitd talk, *2nd Int. Workshop on Proof-Carrying Code (PCC'08)*, June 2008.

110. Thomas Jensen. Formal methods for software security (invited talk), *Formal Methods Forum (FMF'17)*, January, 2017.
111. Thomas Jensen. Formal methods for software security (invited talk), *Inaugural meeting of GDR Sécurité Informatique*, June 2017.
112. Thomas Jensen. Hybrid information flow analysis against web tracking (invited talk), in *12th International Conference on Risks and Security of Internet and Systems (CRiSIS 2017)*, September 2017.
113. Ahmad Al-Sibahi and Thomas Jensen and Rasmus Mógelberg and Andrzej Wasowski. Galois Connections for Recursive Types. In *From Lambda Calculus to Cybersecurity through Program Analysis. Essays Dedicated to Chris Hankin on the Occasion of His Retirement*, Springer LNCS vol. 12065, pages 105–131, 2020.
114. Software security and abstract interpretation. Two invited lectures at the Lipari International Summer School on Abstract Interpretation, September 2024.