

I care deeply about finding the right abstractions and processes in my work. My PhD in computer science and logic makes me an expert in digging into a subject, resolving problems and sharing my knowledge through talks and writing. I quickly pick up on the technical, social and organisational aspects of a situation and enjoy finding solutions that work under the given constraints. I was a teaching assistant in eight different courses during my studies, gave more than a dozen talks during my PhD and received a DTU Young Researcher Award at the end. I co-designed proof automation algorithms for the Lean 4 theorem prover in a successful, international, remote collaboration and have designed an Isabelle/HOL framework for proving completeness results in logic. I have since worked as a full stack developer, directly improving both the customer and developer experience.

EDUCATION

PhD in Computer Science and Logic¹ 1 February 2020 — 31 January 2023
Technical University of Denmark (DTU Compute). (defense: April 21)

Formally Correct Deduction Methods for Computational Logic. Advisors: Jørgen Villadsen, Nina Gierasimczuk.

MSc in Computer Science and Engineering (Honours Programme) 2018 — 2020
Technical University of Denmark (DTU Compute), incl. 30 ECTS at TU Wien, Austria. GPA 12.

Study line: *Artificial Intelligence and Algorithms.*

Thesis: *Hybrid Logic.* Advisors: Jørgen Villadsen, Alexander Birch Jensen, Patrick Blackburn.

BSc in Software Technology 2014 — 2018
Technical University of Denmark (DTU Compute). GPA 11.6.

Thesis: *Formalized First-Order Logic.* Advisors: Jørgen Villadsen, Anders Schlichtkrull, John Bruntse Larsen.

Including courses (all top grade): 02157 + 02257 (Applied) Functional Programming, 02158 Parallel Programming, 02282 Algorithms for Massive Data Sets, 02285 Artificial Intelligence and Multi-Agent Systems, 02263 Formal Aspects of Software Engineering, 192.059 Formal Methods for Security and Privacy (TU Wien).

WORK

Postdoc *Department of Computer Science, University of Copenhagen.* Aug 2024 — Jul 2026

Software Developer *Dalux, Copenhagen.* C#, TypeScript, Angular, Cypress, Git. Aug 2023 — Jul 2024

Research Assistant *Technical University of Denmark.* Programming (SML). 21 hours/week. Aug — Dec 2017

Teacher *Hello World, Copenhagen.* MIT Scratch programming workshops for ages 9–12. May — Jul 2017

AWARDS, GRANTS & COMPETITIONS

DTU Young Researcher Award *Given every year to six young researchers who have made an extraordinary effort and who have great potential for further development (DKK 15,000).*

Distinguished Paper Award For my CPP 2023 paper with Jannis Limperg on Lean 4 automation.

Otto Mønsted Fonden Travel Grant To participate at FLoC 2022 in Haifa, Israel (DKK 7,500).

DTU Travel Grant Awarded to me personally by DTU's Executive Board, February 2022, in recognition of my academic qualities and merits (DKK 25,000).

2nd team of 26 02285 Artificial Intelligence and Multi-Agent Systems (2018) internal competition.

Shared 1st 02210 Algorithms and Data Structures 2 (2015) internal competition.

ACADEMIC ACTIVITIES

Program Committee DaLí 2023: Dynamic Logic — New trends and applications.

Co-chair Logic and Computation track of the Student Session @ 32nd European Summer School in Logic, Language and Information (ESSLI 2021).

Reviewing Journal of Logic, Language and Information (JLLI); Journal of Logic and Computation (JLC).
Subreviewing: Asian Workshop on Philosophical Logic (AWPL 2024); Theoretical Aspects of Rationality & Knowledge (TARK 2023); Conference on Intelligent Computer Mathematics (CICM 2022); Conference on Logic, Rationality and Interaction (LORI-VIII 2021); Dynamic Logic: New Trends and Applications (DaLí 2020).

Participant Satisfiability (SAT), Satisfiability Modulo Theories (SMT), and Automated Reasoning (AR) Summer School 2019, Lisbon, Portugal. Invited by speaker Laura Kovács (TU Wien).

¹Google Scholar h-index: 10, ORCID: 0000-0002-3601-0804 (51 works), dblp.org/pid/214/1791 (32 records). As of 2024-09-27

RESEARCH VISITS

VU Amsterdam <i>Lean Forward</i> : Proof automation for the Lean theorem prover.	May 2022
VU Amsterdam <i>Lean Forward</i> : Proof automation for the Lean theorem prover.	November 2022
VU Amsterdam (remote) Virtual research stay hosted by Jasmin Blanchette.	May & June 2021.

TEACHING ASSISTANT AT DTU COMPUTE

02287 Logical Theories for Uncertainty and Learning	2020
02102 Introductory Programming (Java & C)	2020
02256 Automated Reasoning	2020
02156 Logical Systems and Logic Programming	2018 & 2019
02180 Introduction to Artificial Intelligence	2018
02110 Algorithms and Data Structures 2	2016
02105 Algorithms and Data Structures 1	2016 & 2017
02101 Introductory Programming (Java)	2015 & 2016

CO-SUPERVISION AT DTU COMPUTE

MSc thesis Frederik Krogsdal Jacobsen, <i>Formalization of Logical Systems in Isabelle</i> .	2021
BSc thesis Emmanuel André Ryom, <i>A Proof Tool for First-Order Logic</i> .	2021
BSc thesis Simon Tobias Lund, <i>Prover Programming</i> .	2021
Special Course <i>A Case Study in Computer-Assisted Meta-Reasoning</i> .	2021
Special Course <i>Advanced Automated Reasoning</i> .	2021
Special Course <i>Sequent Calculus Verifier</i> .	2021
Special Course <i>Advanced Topics in Types and Programming Languages</i> .	2021
Special Course <i>Advanced Theorem Proving in Isabelle</i> .	2020
Special Course <i>Type Theory and Formal Proof</i> .	2020
Special Course <i>Correctness proofs for distributed systems in Isabelle</i> .	2020
Special Course <i>Fundamental Concepts in Algebraic Topology</i> .	2020
Special Course <i>Visualization of proofs</i> .	2020

ENTRIES IN THE ISABELLE ARCHIVE OF FORMAL PROOFS

- <i>Synthetic Completeness</i>	2023
- <i>Soundness and Completeness of Implicational Logic</i> (with J. Villadsen)	2022
- <i>A Naive Prover for First-Order Logic</i>	2022
- <i>A Sequent Calculus Prover for First-Order Logic with Functions</i> (with F. K. Jacobsen)	2022
- <i>Soundness and Completeness of an Axiomatic System for First-Order Logic</i>	2021
- <i>Public Announcement Logic</i>	2021
- <i>Formalizing a Seligman-Style Tableau System for Hybrid Logic</i>	2019
- <i>A Sequent Calculus for First-Order Logic</i>	2019
- <i>Epistemic Logic: Completeness of Modal Logics</i>	2018

INVITED TALKS

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- *A Naive Prover for First-Order Logic* at the Languages, Systems, and Data Seminar (LSD spring 2022).
Invited by Lindsey Kuper (UC Santa Cruz), virtual.
 - *My PhD Journey* at kick-off event for new PhD students, fall 2021. Invited by Kim Knudsen, Head of PhD School, DTU Compute. Comwell Hotel, Holte.

EXTERNAL TALKS

- *A Cute Trick for Calculating Saturated Sets* at Copenhagen Logic Gathering 2023, Copenhagen.
- *Verifying a Sequent Calculus Prover for First-Order Logic with Functions in Isabelle/HOL* at Thirteenth Conference on Interactive Theorem Proving (ITP 2022), Haifa, Israel.
- *On Termination for Hybrid Tableaux* at the Isabelle Workshop 2022, Haifa, Israel.
- *Formalized Soundness and Completeness of Epistemic Logic* at 27th Workshop on Logic, Language, Information and Computation (WoLLIC 2021), virtual.
- *Formalizing Axiomatic Systems for Propositional Logic in Isabelle/HOL* at 14th Conference on Intelligent Computer Mathematics (CICM 2021), virtual.
- *Formalized Soundness and Completeness of Epistemic Logic* at International Workshop on Logical Aspects in Multi-Agent Systems and Strategic Reasoning (LAMAS & SR 2021), virtual.
- *Hybrid Logic in the Isabelle Proof Assistant: Benefits, Challenges and the Road Ahead* at Advances in Modal Logic (AiML 2020), virtual.
- *Formally Correct Deduction Methods for Computational Logic* at 13th Conference on Intelligent Computer Mathematics (CICM 2020) doctoral session, virtual.
- *Formalizing Henkin-Style Completeness of an Axiomatic System for Propositional Logic* at WeSSLLI + ESSLLI Virtual Student Session 2020, virtual.
- *Formalizing a Seligman-Style Tableau System for Hybrid Logic* at International Joint Conference on Automated Reasoning (IJCAR 2020), virtual.
- *A Concise Sequent Calculus for Teaching First-Order Logic* at the Isabelle Workshop 2020, virtual.
- *Using the Isabelle Proof Assistant: Seligman-Style Tableau for Hybrid Logic* at The LogicS of Prior Past, Present, and Future 2019, Roskilde University, Denmark.
- *Formalized Soundness and Completeness of Natural Deduction for First-Order Logic* at Scandinavian Logic Symposium 2018, University of Gothenburg, Sweden.

LOCAL TALKS

- *Generic Epistemic and Public Announcement Logic Completeness Results* at Logic & AI @ AlgoLoG seminar, september 2022, DTU Compute, Kongens Lyngby.
- *Verifying a Sequent Calculus Prover for First-Order Logic with Functions in Isabelle/HOL* at PhD Bazaar 2022, DTU Compute, Kongens Lyngby.
- *A Naive Prover for First-Order Logic* as guest talk in the DTU course 02256 Automated Reasoning, DTU Compute, Kongens Lyngby.
- *Hybrid Logic* at 3rd World Logic Day 2021, A Zoom on Logic, organized by DTU Compute, virtual.
- *Belief Revision and Isabelle/HOL* at a seminar course 2020, DTU Compute, Kongens Lyngby.
- *The Isabelle Proof Assistant and Hybrid Logic: Formalizing Seligman-Style Tableaux* at an AlgoLoG section seminar 2019, DTU Compute, Kongens Lyngby.
- *Formalized Soundness and Completeness of Natural Deduction for First-Order Logic* at Local Isabelle Workshop 2018, DTU Compute, Kongens Lyngby.
- *Magnolia — Implementing System F with Anonymous Sums and Products* at Workshop on Programs & Proofs 2018, DTU Compute, Kongens Lyngby.
- *FIT — From’s Isabelle Tutorial — Verification of Quicksort* at Proof Assistants and Related Tools 2017, DTU Compute, Kongens Lyngby.

PUBLICATIONS

- A. H. From. “Formalized soundness and completeness of epistemic and public announcement logic”. In: *Journal of Logic and Computation* (Sept. 2024). ISSN: 0955-792X. DOI: 10.1093/logcom/exae054.
- A. H. From and F. K. Jacobsen. “Verifying a Sequent Calculus Prover for First-Order Logic with Functions in Isabelle/HOL”. In: *Journal of Automated Reasoning* 68.15 (2024). DOI: 10.1007/s10817-024-09697-3.
- A. M. Eschen, A. H. From, and J. Villadsen. “More Formalized Axiomatic Systems for Propositional Logic in Isabelle/HOL”. In: *Logic and Artificial Intelligence*. Ed. by S. Cojocaru et al. Chisinau: Vladimir Andrunachievici Institute of Mathematics and Computer Science, 2023, pp. 7–22. ISBN: 978-9975-68-484-2. URL: <https://slai2022.islai.org/proceedings/>.

- A. H. From, A. Schlichtkrull, and J. Villadsen. “A sequent calculus for first-order logic formalized in Isabelle/HOL”. In: *Journal of Logic and Computation* 33.4 (2023), pp. 818–836. DOI: 10.1093/logcom/exad013.
- A. H. From and J. Villadsen. “A Naive Prover for First-Order Logic: A Minimal Example of Analytic Completeness”. In: *Automated Reasoning with Analytic Tableaux and Related Methods - 32nd International Conference, TABLEUX 2023, Prague, Czech Republic, September 18-21, 2023, Proceedings*. Ed. by R. Ramanayake and J. Urban. Vol. 14278. Lecture Notes in Computer Science. Springer, 2023, pp. 468–480. DOI: 10.1007/978-3-031-43513-3_25.
- J. Limperg and A. H. From. “Aesop: White-Box Best-First Proof Search for Lean”. In: *Proceedings of the 12th ACM SIGPLAN International Conference on Certified Programs and Proofs, CPP 2023, Boston, MA, USA, January 16-17, 2023*. Ed. by R. Krebbers et al. ACM, 2023, pp. 253–266. DOI: 10.1145/3573105.3575671.
- A. H. From and F. K. Jacobsen. “Verifying a Sequent Calculus Prover for First-Order Logic with Functions in Isabelle/HOL”. In: *13th International Conference on Interactive Theorem Proving, ITP 2022, August 7-10, 2022, Haifa, Israel*. Ed. by J. Andronick and L. de Moura. Vol. 237. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2022, 13:1–13:22. DOI: 10.4230/LIPIcs.ITP.2022.13.
- A. H. From, S. T. Lund, and J. Villadsen. “A Case Study in Computer-Assisted Meta-reasoning”. In: *Distributed Computing and Artificial Intelligence, Volume 2: Special Sessions 18th International Conference*. Ed. by S. R. González et al. Vol. 332. Lecture Notes in Networks and Systems. Cham: Springer International Publishing, 2022, pp. 53–63. ISBN: 978-3-030-86887-1. DOI: 10.1007/978-3-030-86887-1_5.
- J. Villadsen et al. “Interactive Theorem Proving for Logic and Information”. In: *Natural Language Processing in Artificial Intelligence — NLPinAI 2021*. Ed. by R. Loukanova. Vol. 999. Studies in Computational Intelligence. Cham: Springer International Publishing, 2022, pp. 25–48. ISBN: 978-3-030-90138-7. DOI: 10.1007/978-3-030-90138-7_2.
- A. H. From. “A Succinct Formalization of the Completeness of First-Order Logic”. In: *27th International Conference on Types for Proofs and Programs, TYPES 2021, June 14-18, 2021, Leiden, The Netherlands (Virtual Conference)*. Ed. by H. Basold, J. Cockx, and S. Ghilezan. Vol. 239. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2021, 8:1–8:24. DOI: 10.4230/LIPIcs.TYPES.2021.8.
- A. H. From. “Formalized Soundness and Completeness of Epistemic Logic”. In: *Logic, Language, Information, and Computation - 27th International Workshop, WoLLIC 2021, Virtual Event, October 5-8, 2021, Proceedings*. Ed. by A. Silva, R. Wassermann, and R. J. G. B. de Queiroz. Vol. 13038. Lecture Notes in Computer Science. Springer, 2021, pp. 1–15. DOI: 10.1007/978-3-030-88853-4_1.
- A. H. From. “Formalizing Henkin-Style Completeness of an Axiomatic System for Propositional Logic”. In: *Selected Reflections in Language, Logic, and Information - ESSLLI 2019, ESSLLI 2020 and ESSLLI 2021 Student Sessions, Selected Papers*. Ed. by A. Pavlova, M. Y. Pedersen, and R. Bernardi. Vol. 14354. Lecture Notes in Computer Science. Springer, 2021, pp. 80–92. DOI: 10.1007/978-3-031-50628-4_5.
- A. H. From, A. M. Eschen, and J. Villadsen. “Formalizing Axiomatic Systems for Propositional Logic in Isabelle/HOL”. In: *Intelligent Computer Mathematics - 14th International Conference, CICM 2021, Timisoara, Romania, July 26-31, 2021, Proceedings*. Ed. by F. Kamareddine and C. S. Coen. Vol. 12833. Lecture Notes in Computer Science. Springer, 2021, pp. 32–46. DOI: 10.1007/978-3-030-81097-9_3.
- A. H. From, F. K. Jacobsen, and J. Villadsen. “SeCaV: A Sequent Calculus Verifier in Isabelle/HOL”. In: *Proceedings 16th Logical and Semantic Frameworks with Applications, LSFA 2021, Buenos Aires, Argentina (Online), 23rd - 24th July, 2021*. Ed. by M. Ayala-Rincón and E. Bonelli. Vol. 357. EPTCS. Open Publishing Association, 2021, pp. 38–55. DOI: 10.4204/EPTCS.357.4.
- A. H. From, A. Schlichtkrull, and J. Villadsen. “A Sequent Calculus for First-Order Logic Formalized in Isabelle/HOL”. In: *Proceedings of the 36th Italian Conference on Computational Logic, Parma, Italy, September 7-9, 2021*. Ed. by S. Monica and F. Bergenti. Vol. 3002. CEUR Workshop Proceedings. CEUR-WS.org, 2021, pp. 107–121. URL: <http://ceur-ws.org/Vol-3002/paper7.pdf>.
- J. Villadsen, A. H. From, and P. Blackburn. “Teaching Intuitionistic and Classical Propositional Logic Using Isabelle”. In: *Proceedings 10th International Workshop on Theorem Proving Components for Educational Software, ThEdu@CADE 2021, (Remote) Carnegie Mellon University, Pittsburgh, PA, United States, 11 July 2021*. Ed. by J. Marcos, W. Neuper, and P. Quaresma. Vol. 354. EPTCS. Open Publishing Association, 2021, pp. 71–85. DOI: 10.4204/EPTCS.354.6.
- A. H. From. “Hybrid logic in the Isabelle Proof Assistant: Benefits, Challenges and the Road Ahead”. In: *Short Papers: Advances in Modal Logic (AiML)*. Ed. by N. Olivetti and R. Verbrugge. 2020, pp. 23–27. URL: <https://archive.org/details/aiml2020shortpapers.pdf>.

- A. H. From. “Synthetic Completeness for a Terminating Seligman-Style Tableau System”. In: *26th International Conference on Types for Proofs and Programs, TYPES 2020, March 2-5, 2020, University of Turin, Italy*. Ed. by U. de’Liguoro, S. Berardi, and T. Altenkirch. Vol. 188. LIPIcs. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2020, 5:1–5:17. DOI: 10.4230/LIPIcs.TYPES.2020.5.
- A. H. From, P. Blackburn, and J. Villadsen. “Formalizing a Seligman-Style Tableau System for Hybrid Logic (Short Paper)”. In: *Automated Reasoning - 10th International Joint Conference, IJCAR 2020, Paris, France, July 1-4, 2020, Proceedings, Part I*. Ed. by N. Peltier and V. Sofronie-Stokkermans. Vol. 12166. Lecture Notes in Computer Science. Springer, 2020, pp. 474–481. DOI: 10.1007/978-3-030-51074-9_27.
- A. H. From, J. Villadsen, and P. Blackburn. “Isabelle/HOL as a Meta-Language for Teaching Logic”. In: *Proceedings 9th International Workshop on Theorem Proving Components for Educational Software, ThEdu@IJCAR 2020, Paris, France, 29th June 2020*. Ed. by P. Quaresma, W. Neuper, and J. Marcos. Vol. 328. EPTCS. Open Publishing Association, 2020, pp. 18–34. DOI: 10.4204/EPTCS.328.2.
- A. H. From et al. “Teaching a Formalized Logical Calculus”. In: *Proceedings 8th International Workshop on Theorem Proving Components for Educational Software, ThEdu@CADE 2019, Natal, Brazil, 25th August 2019*. Ed. by P. Quaresma, W. Neuper, and J. Marcos. Vol. 313. EPTCS. Open Publishing Association, 2019, pp. 73–92. DOI: 10.4204/EPTCS.313.5.
- A. Schlichtkrull, J. Villadsen, and A. H. From. “Students’ Proof Assistant (SPA)”. In: *Proceedings 7th International Workshop on Theorem proving components for Educational software, ThEdu@FLoC 2018, Oxford, United Kingdom, 18 July 2018*. Ed. by P. Quaresma and W. Neuper. Vol. 290. EPTCS. Open Publishing Association, 2018, pp. 1–13. DOI: 10.4204/EPTCS.290.1.
- J. Villadsen, A. H. From, and A. Schlichtkrull. “Natural Deduction Assistant (NaDeA)”. In: *Proceedings 7th International Workshop on Theorem proving components for Educational software, ThEdu@FLoC 2018, Oxford, United Kingdom, 18 July 2018*. Ed. by P. Quaresma and W. Neuper. Vol. 290. EPTCS. Open Publishing Association, 2018, pp. 14–29. DOI: 10.4204/EPTCS.290.2.
- J. Villadsen, A. Schlichtkrull, and A. H. From. “A Verified Simple Prover for First-Order Logic”. In: *Proceedings of the 6th Workshop on Practical Aspects of Automated Reasoning co-located with Federated Logic Conference 2018 (FLoC 2018), Oxford, UK, July 19th, 2018*. Ed. by B. Konev, J. Urban, and P. Rümmer. Vol. 2162. CEUR Workshop Proceedings. CEUR-WS.org, 2018, pp. 88–104. URL: <http://ceur-ws.org/Vol-2162/paper-08.pdf>.
- J. Villadsen et al. “Multi-Agent Programming Contest 2016 — The Python-DTU Team”. In: *International Journal of Agent-Oriented Software Engineering* 6.1 (2018), pp. 86–100. DOI: 10.1504/IJA0SE.2018.10010604.
- J. Villadsen et al. “Multi-Agent Programming Contest 2018 — The Jason-DTU Team”. In: *The Multi-Agent Programming Contest 2018 — Agents Teaming Up in an Urban Environment*. Ed. by T. Ahlbrecht, J. Dix, and N. Fiekas. Vol. 11957. Lecture Notes in Computer Science. Springer, 2018, pp. 41–71. DOI: 10.1007/978-3-030-37959-9_3.
- J. Villadsen, A. H. From, and A. Schlichtkrull. “Natural Deduction and the Isabelle Proof Assistant”. In: *Proceedings 6th International Workshop on Theorem proving components for Educational software, ThEdu@CADE 2017, Gothenburg, Sweden, 6 Aug 2017*. Ed. by P. Quaresma and W. Neuper. Vol. 267. EPTCS. Open Publishing Association, 2017, pp. 140–155. DOI: 10.4204/EPTCS.267.9.

OTHER ARTICLES

- A. H. From. “On Termination for Hybrid Tableaux”. Isabelle Workshop 2022. 2022. URL: https://files.sketis.net/Isabelle_Workshop_2022/Isabelle_2022_paper_13.pdf.
- A. H. From, A. B. Jensen, and J. Villadsen. “Formalized Soundness and Completeness of Epistemic Logic”. LAMAS & SR 2021, accepted abstract. 2021. URL: <https://lamassr.github.io/editions/2021/papers/Formalized-Soundness.pdf>.
- A. H. From and J. Villadsen. “On the Use of Isabelle/HOL for Formalizing New Concise Axiomatic Systems for Classical Propositional Logic”. TYPES 2021, accepted abstract. 2021. URL: <https://types21.liacs.nl/download/on-the-use-of-isabelle-hol-for-formalizing-new-concise-axiomatic-systems-for-classical-propositional-logic/>.
- A. H. From and J. Villadsen. “Teaching Automated Reasoning and Formally Verified Functional Programming in Agda and Isabelle/HOL”. 10th International Workshop on Trends in Functional Programming in Education (TFPIE 2021) — Presentation Only/Online Papers. 2021. URL: https://wiki.tfpie.science.ru.nl/images/a/a6/TFPIE_AHF_JV.pdf.

- A. H. From and J. Villadsen. “A Concise Sequent Calculus for Teaching First-Order Logic”. Isabelle Workshop 2020. 2020. URL: https://files.sketis.net/Isabelle_Workshop_2020/Isabelle_2020_paper_6.pdf.
- A. H. From. “Formalized soundness and completeness of natural deduction for first-order logic”. Scandinavian Logic Symposium 2018, accepted abstract. 2018. URL: https://scandinavianlogic.org/assets/attachments/book_of_abstracts_sls2018.pdf#page=11.
- A. H. From, H. Hatteland, and J. Villadsen. “Teaching first-order logic with the natural deduction assistant (NaDeA)”. Scandinavian Logic Symposium 2018, accepted abstract. 2018. URL: https://scandinavianlogic.org/assets/attachments/book_of_abstracts_sls2018.pdf#page=11.
- A. H. From, A. Schlichtkrull, and J. Villadsen. “Drawing Trees”. Isabelle Workshop 2018. 2018. URL: https://files.sketis.net/Isabelle_Workshop_2018/Isabelle_2018_paper_7.pdf.
- A. H. From et al. “Substitutionless First-Order Logic: A Formal Soundness Proof”. Isabelle Workshop 2018. 2018. URL: https://files.sketis.net/Isabelle_Workshop_2018/Isabelle_2018_paper_3.pdf.
- J. Villadsen, A. Schlichtkrull, and A. H. From. “Code Generation for a Simple First-Order Prover”. Isabelle Workshop 2016. 2016. URL: https://web.archive.org/web/20220121022845/https://www21.in.tum.de/~nipkow/Isabelle2016/Isabelle2016_12.pdf.