

Acyclic attribute evaluation in a dependently typed setting

Firsov, Denis; Uustalu, Tarmo Proceedings of the 27th Nordic Workshop on Programming Theory (NWPT 2015) 2016 / p. 124-126
: ill <http://icetcs.ru.is/nwpt2015/NWPT15Proceedings.pdf>

BLT+L : efficient signatures from timestamping and endorsements

Firsov, Denis; Lakk, Henri; Laur, Sven; Truu, Ahto Proceedings of the 18th International Conference on Security and Cryptography - SECRIPT. Vol. 1 2021 / p. 75-86 <https://doi.org/10.5220/0010530000750086>

Certification of context-free grammar algorithms = Kontekstivabade grammatikate algoritmitseerimine

Firsov, Denis 2016 <http://digi.lib.ttu.ee/i/?6213>

Certified CYK parsing of context-free languages

Firsov, Denis; Uustalu, Tarmo Journal of logical and algebraic methods in programming 2014 / p. 459-468

Certified parsing of regular languages

Firsov, Denis; Uustalu, Tarmo Certified Programs and Proofs : Third International Conference, CPP 2013, Melbourne, VIC, Australia, December 11-13, 2013, Proceedings 2013 / p. 98 - 113 https://doi.org/10.1007/978-3-319-03545-1_7 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Functional incremental computing

Firsov, Denis; Jeltsch, Wolfgang Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 35-38

Purely functional incremental computing

Firsov, Denis; Jeltsch, Wolfgang Programming Languages : 20th Brazilian Symposium, SBLP 2016, Maringa, Brazil, September 22-23, 2016 : proceedings 2016 / p. 62-77 : ill https://doi.org/10.1007/978-3-319-45279-1_5 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Reflection, rewinding, and coin-toss in EasyCrypt

Firsov, Denis; Unruh, Dominique CPP 2022 - Proceedings of the 11th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2022 2022 / p. 166-179 <https://doi.org/10.1145/3497775.3503693>

Zero-knowledge in EasyCrypt

Firsov, Denis; Unruh, Dominique 2023 IEEE 36th Computer Security Foundations Symposium : CSF 2023 : proceedings 2023 / 16 p. <https://doi.org/10.1109/CSF57540.2023.00015>

Unsatisfiability of comparison-based non-malleability for commitments

Firsov, Denis; Laur, Sven; Zhuchko, Ekaterina Theoretical Aspects of Computing - ICTAC 2022 : 19th International Colloquium, Tbilisi, Georgia, September 27-30, 2022 : proceedings 2022 / p. 188-194 https://doi.org/10.1007/978-3-031-17715-6_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Variations on Noetherianness

Firsov, Denis; Uustalu, Tarmo; Veltri, Niccolo Proceedings 6th Workshop on Mathematically Structured Functional Programming (MSFP 2016) : Eindhoven, The Netherlands, 8 April 2016 2016 / p. 76-88 : ill <https://doi.org/10.4204/eptcs.207.4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Verified multiple-time signature scheme from one-time signatures and timestamping

Firsov, Denis; Lakk, Henri; Truu, Ahto 2021 IEEE 34th Computer Security Foundations Symposium (CSF) 2021 / 13 p <https://doi.org/10.1109/CSF51468.2021.00051>

Verified security of BLT signature scheme

Firsov, Denis; Buldas, Ahto; Truu, Ahto; Laanoja, Risto CPP 2020 - Proceedings of the 9th ACM SIGPLAN International Conference on Certified Programs and Proofs, co-located with POPL 2020, New Orleans 20 January 2020 through 21 January 2020 2020 / p. 244-257 <https://doi.org/10.1145/3372885.3373828>