

List of Publications of Catuscia Palamidessi

December 29, 2019

1 Books

1. M. S. Alvim, K. Chatzikokolakis, A. McIver, C. Morgan, C. Palamidessi, G. Smith. *The Science of Quantitative Information Flow*. Springer, 2020. To appear. [[http](#)]

2 Journals

1. M. Falaschi, M. Gabbriellini, C. Olarte, C. Palamidessi. Dynamic slicing for Concurrent Constraint Languages. *Fundamenta Informaticae*, 2020. To appear. [[http](#)]
2. V. Castiglioni, K. Chatzikokolakis, C. Palamidessi. A Logical Characterization of Differential Privacy. *Science of Computer Programming*, 2020. To appear. [[http](#)]
3. M. S. Alvim, K. Chatzikokolakis, A. McIver, C. Morgan, C. Palamidessi, G. Smith: An Axiomatization of Information Flow Measures. *Theor. Comp. Sci.*, 777:32–54, 2019. [[http](#)]
4. M. Alvim, K. Chatzikokolakis, Y. Kawamoto, C. Palamidessi: A Game-Theoretic Approach to Information-Flow Control via Protocol Composition. *Entropy* 20(5), MDPI, pp. 382, 2018. [[http](#)]
5. Y. Kawamoto, K. Chatzikokolakis, C. Palamidessi: On the Compositionality of Quantitative Information Flow. *Logical Methods in Computer Science* 13(3:11), pp. 1-31, 2017. [[http](#)]
6. K. Chatzikokolakis, E. ElSalamouny, C. Palamidessi and Anna Pazii. Methods for Location Privacy: A comparative overview. *Foundations and Trends in Privacy and Security* 1(4): 199-257, 2017. [[http](#)]
7. K. Chatzikokolakis, E. ElSalamouny, C. Palamidessi. Efficient Utility Improvement for Location Privacy. *PoPETs* 2017 (4), De Gruyter Open, 308-328, 2017. [[http](#)]
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9. K. Chatzikokolakis, C. Palamidessi, and C. Braun. Compositional methods for information-hiding. *Mathematical Structures in Computer Science*, 26(6): 908-932, 2016. [[bib](#) , [http](#)]
10. K. Chatzikokolakis, C. Palamidessi, M. Stronati. Constructing elastic distinguishability metrics for location privacy. *PoPETs* 2015(2): 156-170, 2015. [[http](#)]
11. M. Falaschi, C. Olarte, C. Palamidessi. Abstract Interpretation of Temporal Concurrent Constraint Programs. *Theory and Practice of Logic Programming* CUP. 15(3): 312-357, 2015. [[http](#)]
12. M. Alvim, M. Andrés, K. Chatzikokolakis, P. Degano, C. Palamidessi. On the information leakage of differentially-private mechanisms. *Journal of Computer Security*. 23(4): 427-469, 2015. [[http](#)]
13. K. Chatzikokolakis, S. Knight, C. Palamidessi, and P. Panangaden. Epistemic Strategies and Games on Concurrent Processes. *Transactions on Computational Logic*, 13(4): 28:1-28:35, 2012. [[bib](#) , [http](#)]
14. M.S. Alvim, M.E. Andrés, and C. Palamidessi. Information Flow in Interactive Systems. *Journal of Computer Security*, 20(1): 3-50, 2012. [[bib](#) , [http](#)]

15. M.E. Andrés, Catuscia Palamidessi, Ana Sokolova, and Peter VanRossum. Information Hiding in Probabilistic Concurrent Systems. *Theor. Comp. Sci.*, 412(28): 3072-3089, 2011. [[bib](#) , [http](#)]
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18. D. Cacciagrano, F. Corradini, and C. Palamidessi. Explicit fairness in testing semantics. *Logical Methods in Computer Science*, 5(2-15), 2009. [[bib](#) , [http](#)]
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3 Proceedings of conferences and workshops

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2. D. Gorla, F. Granese, and C. Palamidessi. Enhanced Models for Privacy and Utility in Continuous-Time Diffusion Networks. *Proc. of ICTAC, LNCS 11884*, Springer, 313–331, 2019. [[http](#)]
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