

# List of Publications of Catuscia Palamidessi

December 29, 2017

## 1 Journals

1. 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.
2. K. Chatzikokolakis, E. ElSalamouny, C. Palamidessi and Anna Pазii. Methods for Location Privacy: A comparative overview. *Foundations and Trends in Privacy and Security* 1(4): 199-257, 2017.
3. K. Chatzikokolakis, E. ElSalamouny, C. Palamidessi. Efficient Utility Improvement for Location Privacy. *PoPETs* 2017 (4), De Gruyter Open, 308-328, 2017. [[http](#)]
4. S. Hamadou, C. Palamidessi, V. Sassone: Quantifying leakage in the presence of unreliable sources of information. *J. Comput. Syst. Sci.* 88: 27-52, 2017. [[http](#)]
5. K. Chatzikokolakis, C. Palamidessi, and C. Braun. Compositional methods for information-hiding. *Mathematical Structures in Computer Science*, 26(6): 908-932, 2016. [[bib](#) , [http](#)]
6. K. Chatzikokolakis, C. Palamidessi, M. Stronati. Constructing elastic distinguishability metrics for location privacy. *PoPETs* 2015(2): 156-170, 2015. [[http](#)]
7. 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](#)]
8. 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](#)]
9. 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](#)]
10. 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](#)]
11. M.E. Andrés, Catuscia Palamidessi, Ana Sokolova, and Peter VanRossum. Information Hiding in Probabilistic Concurrent Systems. *Theoretical Computer Science*, 412(28): 3072-3089, 2011. [[bib](#) , [http](#)]

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13. S. Kramer, C. Palamidessi, R. Segala, A. Turrini, and C. Braun. A quantitative doxastic logic for probabilistic processes and applications to information-hiding. *The Journal of Applied Non-Classical Logics*, 19(4): 489-516, 2009. [[bib](#) , [DOI](#) , [http](#)]
14. D. Cacciagrano, F. Corradini, and C. Palamidessi. Explicit fairness in testing semantics. *Logical Methods in Computer Science*, 5(2-15), 2009. [[bib](#) , [http](#)]
15. R. Beauxis and C. Palamidessi Probabilistic and nondeterministic aspects of anonymity. *Theoretical Computer Science*, 410: 4006-4025, 2009. [[bib](#) , [DOI](#) , [http](#) , [.pdf](#)]
16. G. Norman, C. Palamidessi, D. Parker, P. Wu. Model checking probabilistic and stochastic extensions of the  $\pi$ -calculus. *IEEE Transactions of Software Engineering* 35(2): 209-223, 2009. [[bib](#) , [http](#) , [.pdf](#)]
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## 2 Proceedings of conferences and workshops

1. K. Chatzikokolakis, S. Haddad, A. Kassem, C. Palamidessi. Trading Optimality for Performance in Location Privacy. *Proc. of ValueTool*, ACM, 2017.
2. M. Alvim, K. Chatzikokolakis, Y. Kawamoto, C. Palamidessi. Information Leakage Games. *Proc. of GameSec, LNCS 10575*, Springer, 437-457, 2017.
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4. M. Alvim, K. Chatzikokolakis, A. McIver, C. Morgan, C. Palamidessi, G. Smith. Axioms for Information Leakage. *Proc. of CSF, IEEE*, 77-92, 2016. [[http](#)]
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