

List of Publications of Catuscia Palamidessi

May 11, 2015

1 Journals

1. M. Falaschi, C. Olarte, C. Palamidessi. Abstract Interpretation of Temporal Concurrent Constraint Programs. *Theory and Practice of Logic Programming* CUP. To appear. [[http](#)]
2. M. Alvim, M. Andrés, K. Chatzikokolakis, P. Degano, C. Palamidessi. On the information leakage of differentially-private mechanisms. *Journal of Computer Security*. 2014, to appear. [[http](#)]
3. K. Chatzikokolakis, C. Palamidessi, and C. Braun. Compositional methods for information-hiding. *Mathematical Structures in Computer Science*. To appear. [[bib](#) , [http](#)]
4. K. Chatzikokolakis, S. Knight, C. Palamidessi, and P. Panangaden. Epistemic Strategies and Games on Concurrent Processes. *Transactions on Computational Logic*, 13(4): 28, 2012. [[bib](#) , [http](#)]
5. 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](#)]
6. 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](#)]
7. K. Chatzikokolakis, C. Palamidessi. Making Random Choices Invisible to the Scheduler. *Information and Computation*, 208(6): 694-715, 2010. [[bib](#) , [DOI](#) , [http](#) , [.pdf](#)]
8. 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](#)]
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10. R. Beauxis and C. Palamidessi Probabilistic and nondeterministic aspects of anonymity. *Theoretical Computer Science*, 410: 4006-4025, 2009. [[bib](#) , [DOI](#) , [http](#) , [.pdf](#)]
11. G. Norman, C. Palamidessi, D. Parker, P. Wu. Model checking probabilistic and stochastic extensions of the π -calculus. *IEEE Transactions of Software Engineering* 35(2): 209-223, 2009. [[bib](#) , [http](#) , [.pdf](#)]

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15. I. Phillips, M.G. Vigliotti, C. Palamidessi. Expressiveness via leader election problems. *Theoretical Computer Science*, 388(1-3): 267-289, 2007. [[pdf](#)]
16. D. Cacciagrano, F. Corradini, C. Palamidessi. Separation of synchronous and asynchronous communication via testing. *Theoretical Computer Science*, 386(3): 218-235, 2007. [[pdf](#)]
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25. M. Falaschi, M. Gabbrielli, K. Marriott, C. Palamidessi. Confluence in Concurrent Constraint Programming. *Theoretical Computer Science*, 183(2): 281-315, 1997. [[Abstract](#), [ps](#)]
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2 Proceedings of conferences and workshops

1. K. Chatzikokolakis, D. Gebler, C. Palamidessi, L. Xu: Generalized Bisimulation Metrics. *Proc. of CONCUR, LNCS 8704*, Springer, 32-46, 2014.
2. K. Chatzikokolakis, C. Palamidessi, M. Stronati: A Predictive Differentially-Private Mechanism for Mobility Traces. *Proc. of PETS, LNCS 8555*, Springer, 21-41, 2014.
3. Y. Kawamoto, K. Chatzikokolakis, C. Palamidessi. Compositionality Results for Quantitative Information Flow *Proc. of QEST, LNCS 8657*, Springer, 368-383, 2014. [[http](#)]
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