

List of Publications of Catuscia Palamidessi

January 2, 2012

1 Journals

1. K. Chatzikokolakis, S. Knight, C. Palamidessi, and P. Panangaden. Epistemic Strategies and Games on Concurrent Processes. *Transactions on Computational Logic*, 2011. To appear. [[bib](#) , [http](#)]
2. M.S. Alvim, M.E. Andrés, and C. Palamidessi. Information Flow in Interactive Systems. *Journal of Computer Security*, 2011. To appear. [[bib](#) , [http](#)]
3. M.E. Andrés, Catuscia Palamidessi, Ana Sokolova, and Peter VanRossum. Information Hiding in Probabilistic Concurrent Systems. *Journal of Theoretical Computer Science*, 412(28):3072-3089, 2011. [[bib](#) , [http](#)]
4. K. Chatzikokolakis, C. Palamidessi. Making Random Choices Invisible to the Scheduler. *Information and Computation*, 208(6):694-715, 2010. [[bib](#) , [DOI](#) , [http](#) , [.pdf](#)]
5. 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](#)]
6. D. Cacciagrano, F. Corradini, and C. Palamidessi. Explicit fairness in testing semantics. *Logical Methods in Computer Science*, 5(2 - 15), 2009. [[bib](#) , [http](#)]
7. R. Beauxis and C. Palamidessi Probabilistic and nondeterministic aspects of anonymity. *Theoretical Computer Science*, 410:4006-4025, 2009. [[bib](#) , [DOI](#) , [http](#) , [.pdf](#)]
8. 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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10. K. Chatzikokolakis, C. Palamidessi, P. Panangaden. Anonymity protocols as noisy channels. *Information and Computation*, 206(2-4):378-401, 2008. [[pdf](#)]
11. K. Chatzikokolakis, C. Palamidessi. A Framework to Analyze Probabilistic Protocols and its Application to the Partial Secrets Exchange. *Theoretical Computer Science*, 389(3):512-527, 2007. [[pdf](#)]

12. I. Phillips, M.G. Vigliotti, C. Palamidessi. Expressiveness via leader election problems. *Theoretical Computer Science*, 388(1-3):267-289, 2007. [[pdf](#)]
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14. Y. Deng, C. Palamidessi. Axiomatizations for probabilistic finite-state behaviors. *Theoretical Computer Science*. 373(1-2): 92-114, 2007. [[pdf](#)]
15. K. Chatzikokolakis, C. Palamidessi. Probable Innocence Revisited. *Theoretical Computer Science*, 367(1-2):123-138, 2006. [[pdf](#)]
16. C. Palamidessi, M. O. Herescu. A randomized encoding of the π -calculus with mixed choice. *Theoretical Computer Science*. 335(2-3): 373-404, 2005. [Report version: [pdf](#), [ps](#)]
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21. F.S. de Boer, M. Gabbrielli, E. Marchiori, C. Palamidessi. Proving Concurrent Constraint Programs Correct. *ACM-TOPLAS*, 19(5):685-725, 1998. [[Abstract](#), [ps](#)]
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33. F.S. de Boer, J.N. Kok, C. Palamidessi, J.J.M.M. Rutten. From failure to success: Comparing a denotational and a declarative semantics for Horn Clause Logic. *Theoretical Computer Science*, 101(2):239-263, 1992.
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2 Proceedings of conferences and workshops

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2. M.S. Alvim, M.E. Andrés, K. Chatzikokolakis, and C. Palamidessi. On the relation between Differential Privacy and Quantitative Information Flow. In *Proc. of ICALP, LNCS 6756*, Springer. 60-76, 2011 [[bib](#) , [DOI](#) , [http](#)]
3. A.A. AristizábalP., F. Bonchi, C. Palamidessi, L. Pino, and F.D. Valencia. Deriving labels and bisimilarity for concurrent constraint programming. *Proc. of FoSSaCS, LNCS 6604*, Springer. 138-152. 2011. [[bib](#) , [http](#)]
4. M.S. Alvim, M.E. Andrés, C. Palamidessi, and P. VanRossum. Safe equivalences for security properties. *Proc. of TCS, IFIP Advances in Information and Communication Technology 323*, Springer, 55-70, 2010. [[bib](#) , [DOI](#) , [http](#)]
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10. S. Hamadou, C. Palamidessi, V. Sassone, and E. ElSalamouny. Probable innocence in the presence of independent knowledge. *Proc. of FAST'09, LNCS 5983*, Springer, 141-156, 2010. [[bib](#) , [DOI](#) , [http](#)]
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