

List of Publications of Catuscia Palamidessi

January 6, 2021

1 Books

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

2 Journals

1. D. Gorla, F. Granese, and C. Palamidessi. Enhanced Models for Privacy and Utility in Continuous-Time Diffusion Networks. *Int. Journal of Information Security*, 2021. [[http](#)]
2. K. Chatzikokolakis, N. Fernandes, and C. Palamidessi. Refinement Orders for Quantitative Information Flow and Differential Privacy. *Journal of Cybersecurity and Privacy*, 1:40 – 77, 2020. [[http](#)]
3. M. Falaschi, M. Gabbriellini, C. Olarte, C. Palamidessi. Dynamic slicing for Concurrent Constraint Languages. *Fundamenta Informaticae*, 177(3-4): 331–357, 2020. [[http](#)]
4. V. Castiglioni, K. Chatzikokolakis, C. Palamidessi. A Logical Characterization of Differential Privacy. *Science of Computer Programming*, 188:102388, 2020. [[http](#)]
5. 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](#)]
6. M. Alvim, K. Chatzikokolakis, Y. Kawamoto, C. Palamidessi: A Game-Theoretic Approach to Information-Flow Control via Protocol Composition. *Entropy* 20(5): 382, 2018. [[http](#)]
7. Y. Kawamoto, K. Chatzikokolakis, C. Palamidessi: On the Compositionality of Quantitative Information Flow. *Logical Methods in Computer Science* 13(3:11): 1-31, 2017. [[http](#)]
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9. K. Chatzikokolakis, E. ElSalamouny, C. Palamidessi. Efficient Utility Improvement for Location Privacy. *PoPETs* 2017 (4), De Gruyter Open, 308-328, 2017. [[http](#)]
10. 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](#)]
11. K. Chatzikokolakis, C. Palamidessi, and C. Braun. Compositional methods for information-hiding. *Mathematical Structures in Computer Science*, 26(6): 908-932, 2016. [[bib](#) , [http](#)]
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13. 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](#)]
14. 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](#)]

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19. 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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3 Proceedings of conferences and workshops

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