

Ocan SANKUR

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Languages I speak : Turkish (mother tongue), French (bilingual), English (fluent).

Education

- 2010 – now :** LSV, École Normale Supérieure de Cachan, Cachan.
Ongoing PhD on *Robustness and Implementability of Timed Systems*, supervised by Patricia Bouyer and Nicolas Markey.
- 2007 – 2010 :** École Normale Supérieure, Paris.
Admitted in competitive exam in computer science
- **Master :** Master Parisien de Recherche en Informatique.
M2 : *With high distinction*. Internship at E.N.S. de Cachan, Cachan.
M1 : *With high distinction*. Internship at Brown University, RI, USA.
- **Licence (B.S.)** in Computer Science, *with distinction*.
- 2005 – 2007 :** Lycée Henri IV, Paris. Preparatory classes for graduate schools.
- 1997 – 2005 :** Lycée de Galatasaray, Istanbul.
Admitted to Computer Engineering Department of Bogazici University in national competitive exam (ÖSS).

Internships - Stays

- March-August 2009 :** **Brown University**, RI, USA.
Internship supervised by Claire Mathieu.
- June-August 2008 :** **LIAFA, Université Paris-Diderot (Paris VII)**.
Internship supervised by Olivier Carton.
- June-August 2004 :** **Polytechnic University**, NY, USA.
Internship supervised by Nasir Memon.

Teaching

- 2010-2012 :** (64 hours/year) Teaching assistant for computer science courses in ENS Cachan.
- 2009-2010 :** (24 hours) Lab sessions of the computer science course (OCaml) in Lycée Janson-de-Sailly, Paris.
- 2009-2010 :** (24 hours) Lab sessions of the computer science course (OCaml and Maple) in Lycée Saint-Louis, Paris.

Publications

- [BLM⁺11] Patricia Bouyer, Kim G. Larsen, Nicolas Markey, Ocan Sankur, and Claus Thrane. Timed automata can always be made implementable. In Joost-Pieter Katoen and Barbara König, editors, *Proceedings of the 22nd International Conference on Concurrency Theory (CONCUR'11)*, volume 6901 of *Lecture Notes in Computer Science*, pages 76–91, Aachen, Germany, September 2011. Springer.
- [BMS11] Patricia Bouyer, Nicolas Markey, and Ocan Sankur. Robust model-checking of timed automata via pumping in channel machines. In Uli Fahrenberg and Stavros Tripakis, editors, *Proceedings of the 9th International Conference on Formal Modelling and Analysis of Timed Systems (FORMATS'11)*, volume 6919 of *Lecture Notes in Computer Science*, pages 97–112, Aalborg, Denmark, September 2011. Springer.
- [MSS10] Claire Mathieu, Ocan Sankur, and Warren Schudy. Online correlation clustering. In Jean-Yves Marion and Thomas Schwentick, editors, *Proceedings of the 27th Annual Symposium on Theoretical Aspects of Computer Science (STACS'10)*, volume 5 of *Leibniz International Proceedings in Informatics*, pages 573–584, Nancy, France, March 2010. Leibniz-Zentrum für Informatik.
- [San11] Ocan Sankur. Untimed language preservation in timed systems. In Filip Murlak and Piotr Sankowski, editors, *Proceedings of the 36th International Symposium on Mathematical Foundations of Computer Science (MFCS'11)*, volume 6907 of *Lecture Notes in Computer Science*, pages 556–567, Warsaw, Poland, August 2011. Springer.
- [SBM11] Ocan Sankur, Patricia Bouyer, and Nicolas Markey. Shrinking timed automata. In Supratik Chakraborty and Amit Kumar, editors, *Proceedings of the 31st Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS'11)*, Leibniz International Proceedings in Informatics, Mumbai, India, December 2011. Leibniz-Zentrum für Informatik. To appear.