Resume

Armando Tacchella

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Education

- Ph.D. in *Electronic and Computer Science Engineering*, expected January 2001, at the Engineering Faculty, University of Genova.
- Laurea in *Computer Science Engineering*, April 1997, at the Engineering Faculty, University of Genova with the grade of 110/110 and honors (Performance Average of 28.17 out of 30).
- *First Certificate in English*, June 1990, at the University of Cambridge with the grade of B.

Experiences

- **Member of the Mechanized Reasoning Group, year 1994 - present**
  Development of efficient decision procedures for modal and propositional logics. Comparative evaluation of algorithms and techniques in modal logics, propositional logics and planning. Systems design and implementation.
- **Laboratory coordinator, year 1999 - present**
  Systems, users and network local administration.
- **Teaching assistant, year 1997 - present**
  Undergraduate courses in C/C++ and theoretical foundations of computer science (logic, languages and automata theory).
- **Exchange student, Jannuary-February 2000**
  c/o Prof. M. Y. Vardi, Computer Science Department of Rice University (Houston).

- **Visiting student, April-May 1999**
  c/o Prof. V. Lifschitz, Computer Science Department of University of Texas (Austin).

- **Exchange student, September-December 1998**
  c/o Prof. V. Lifschitz, Computer Science Department of University of Texas (Austin).

Relevant coursework

- **Computational Complexity** by Prof. Georg Gottlob, University of Genova, Natural Sciences Faculty, year 1998.

- **Compilers** by Prof. Mauro Di Manzo, University of Genova, Engineering Faculty, year 1998.

- **Introduction to Mathematical Logic** by Prof. Vladimir Lifschitz, University of Texas - Austin, year 1998.

- **Formal Semantics and Verification** by Prof. Allen Emerson, University of Texas - Austin, year 1998.

Relevant publications

- **E. Giunchiglia, F. Giunchiglia, A. Tacchella** - SAT Based Decision Procedures for Classical Modal Logics. In Journal of Automated Reasoning (to appear).

- **E. Giunchiglia, F. Giunchiglia, R. Sebastiani, A. Tacchella** - SAT vs. Translation Based decision procedures for modal logics: a comparative evaluation. In Luis Fariñas del Cerro, Olivier Gasquet, Philippe Muller Eds., *Journal of Applied Non-Classical Logics*, Vol. 10 No. 2, Hermes Science, June 2000.