

Ghassan Oreiby

CONTACT INFORMATION	Aalborg University Department of Computer Science Selma Lagerlöfs Vej 300 DK-9220 Aalborg East Denmark	<i>Voice:</i> +45 9940 9985 <i>Fax:</i> +45 9940 9798 <i>E-mail:</i> oreiby@cs.aau.dk <i>www:</i> www.lsv.ens-cachan.fr/~oreiby
RESEARCH INTERESTS	Model-checking, temporal logic, timed games, control theory, concurrent games, multi-agent systems.	
CURRENT POSITION	Aalborg University , Aalborg, Denmark Post Doctoral fellow in Department of Computer Science since November 2008 <ul style="list-style-type: none">• Research on extending timed games (with weight, probabilities, ...)• Supervisor: Kim G. Larsen,• Grant: The ERCIM “Alain Bensoussan” Fellowship Programme	
EDUCATION	École Normale Supérieure de Cachan , Cachan, France Ph.D. in computer science December 2008 <ul style="list-style-type: none">• Title: Temporal logic for timed control• Advisers: François Laroussinie, Nicolas Markey,• Jury members: Jean-François Raskin, Sophie Pinchinat, Thomas Brihaye, Eugene Asarin,• Defended on <i>December 8, 2008</i>,• Mention: <i>Highly Honorable</i> (mention très honorable). Université Bordeaux 1 , Bordeaux, France Master S&T, mention Informatique June 2005 <ul style="list-style-type: none">• Ingénierie des systèmes critiques Ranked <i>first</i> the first semester• Master’s internship took place at ENST-Bretagne - Rennes Lebanese University , Beirut, Lebanon Electrical and Electronic Engineering, Faculty of Engineering July 2004 <ul style="list-style-type: none">• Option: Computer Science and Telecommunications	
TEACHING EXPERIENCE	Université Paris Diderot - Paris 7 , Paris, France <i>Moniteur (Teaching Assistant)</i> (64h/yr) 2005-2008 <ul style="list-style-type: none">• Logic Tools (Fall 2007)• Finite automata (Spring 2007)• Data structures in Java (Spring 2006)	
JOURNAL PUBLICATIONS	François Laroussinie, Nicolas Markey, and Ghassan Oreiby. On the expressiveness and complexity of ATL. <i>Logical Methods in Computer Science</i> 4(2:7), 2008.	
CONFERENCE PUBLICATIONS	Thomas Brihaye, François Laroussinie, Nicolas Markey, and Ghassan Oreiby. Timed concurrent game structures. In Luís Caires and Vasco T. Vasconcelos, editors, <i>Proceedings of the 18th International Conference on Concurrency Theory (CONCUR’07)</i> , volume 4703 of <i>LNCS</i> , pages 445–459, Lisbon, Portugal, September 2007. Springer.	

François Laroussinie, Nicolas Markey, and Ghassan Oreiby. **On the expressiveness and complexity of ATL.** In Helmut Seidl, editor, *Proceedings of the 10th International Conference on Foundations of Software Science and Computation Structures (FoSSaCS'07)*, volume 4423 of *LNCS*, pages 243–257, Braga, Portugal, March 2007. Springer.

François Laroussinie, Nicolas Markey, and Ghassan Oreiby. **Model checking timed ATL for durational concurrent game structures.** In Eugène Asarin and Patricia Bouyer, editors, *Proceedings of the 4th International Conference on Formal Modelling and Analysis of Timed Systems (FORMATS'06)*, volume 4202 of *LNCS*, pages 245–259, Paris, France, September 2006. Springer.

PH.D. THESIS Ghassan Oreiby, Logiques temporelles pour le contrôle temporisé. Thèse de doctorat, Laboratoire Spécification et Vérification, ENS Cachan, France, December 2008.

MEMBER IN
PROJECTS Member of project ANR DOTS
Member of project TOAST
Member of project ACI CORTOS

LANGUAGES Arabic, English and French fluently spoken and written.