Alexandre Reiffers Masson

Present Address
33 rue du Limas,
84000, Avignon

Permanent Address
Vieux Chateau,
Place du Piemont
13490, Jouques 11971

Research Interests	My current research interests include routing games, bi-level problem and differential games; all applied to Social Networks and Internet Economics.

Educational /Professional Activities

Inria Sophia Antipolis and University of Avignon 2012 - present
Ph.D. Candidate at the Computer Science Dept.
- Ph.D. in Game Theory applied to Social Network, Maestro Team
- Advisor: Eitan Altman, Yezekael Hayel
- Topics include: Routing Games, Differential Games, Stochastic Approximations, Growth Models
- Courses include: Advanced Markov Modeling, Mean Field Approximation
- Lectured courses: Networks Projects, Complex Networks

Paris VI University, Paris, 2010 - 2012
Master in Applied Mathematics (OJME)
- Thesis: Caracterisation des Trajectoires Optimales en Horizon Infini
- Advisor: Hélène Frankowska
- Courses include: Advanced Economy, Game Theory, Optimiszation,
- Math teacher at Acadomia

Aix Marseille University, Marseille, 2007 - 2010
Bachelor degree in Mathematics and Computer Sciences
- Research in discrete optimisation about polyhedra
- Coordinator in mathematics association (Maths Pour Tous)
- Math teacher at Cours Legendre

Conference Papers

1. *Collusions entre fournisseurs de services et de contenus dans les réseaux.* Alexandre Reiffers Massons, Yezekael Hayel, Eitan Altman. Rencontres Francophones pour les Aspects Algorithmiques des Télécommunications 2013.

2. *Game theory approach for modeling competition over visibility on social networks.* Alexandre Reiffers Massons, Yezekael Hayel, Eitan Altman. Communication Systems and Networks (COMSNETS), 2014.

3. *Differential Games of Competition in Online Content Diffusion.* Francesco De Pellegrini, Alexandre Reiffers Massons, Eitan Altman. IFIP Networking, 2014.

Short Papers and Posters

1. *Poster: Pricing Agreement between Service and Content Provider: A Net Neutrality Issue.* Alexandre Reiffers Massons, Yezekael Hayel, Eitan Altman. Learning Algorithms and Dynamics in Distributed Systems (Algogt) 2013.

Tutorial and Invited Talks

1. *Impacts of Collusions between Providers on Internet Economics* Invited talk at CREATE-NET, Trento, 2013.

2. *Présentation d'un modele de compétition sur la visibilitdes messages dans les groupes facebook* Invited talk at SFR Agorantic, Avignon, 2013.

3. *Game theory approach for modeling competition over visibility on social networks*
   Invited talk at CREATE-NET, Trento, 2014.
   .

Internships/ **Visits**	**CREATE-NET**	APRIL/2013

- Worked together with Researcher Francesco De Pellegrini
- Topics include: Competition on the diffusion of informations

	CREATE-NET	APRIL/2014

- Worked together with Researcher Francesco De Pellegrini
  and Researcher Lorenzo Maggi
- Topics include: Cooperation between Countries for the cure of diseases

Skills **and Interests**	*Computer Skills:*	C and C++, PHP, HTML, LATEX, Sage, Scilab, Gretl
	Languages:	French (native), English (advanced), Spanish (intermediate)
	Interests:	Inline Skating and Photography (Website: http://reiffersalexandre.wix.com/areiffers)