adrien**friggeri**

social network analyst

about

31 rue Smith
69002 Lyon
France

adrien@friggeri.net
http://friggeri.net
fb://adrien

languages

bilingual french/english
spanish & italian notions

programming

♥ JavaScript
(ES5, node.js)
Python, C, OCaml
CSS3 & HTML5

interests

complex networks, social networks, community detection, community structure, overlapping communities, information diffusion, viral marketing, social inference, recommendation, data mining

education

since 2009	**Ph.D.** candidate in Computer Science	DNET/INRIA, LIP/ÉNS de Lyon
	A Quantified Theory of Social Cohesion.	
2007–2008	**M.Sc. magna cum laude**	IXXI, École Normale Supérieure de Lyon
	Majoring in Computer Science	
	Specialization in Complex Systems	
2006–2007	**B.Sc. magna cum laude**	École Normale Supérieure de Lyon
	Majoring in Computer Science	
2003–2006	**Classes Préparatoires aux Grandes Écoles**	Lycée Fénelon, Lycée Louis le Grand, Paris
	Preparation for national competitive entrance exams to leading French "grandes écoles", specializing in mathematics and physics.	
2003	**French Baccalauréat S. with honors**	Lycée Louis le Grand, Paris
	Specialization in mathematics and physics	

experience

02–07 2009	**LIP6/CNRS, Paris**	Research Internship.
	Visualization of complex networks.	
06–08 2008	**ISCPIF/CNRS, Paris**	Research Internship.
	Diffusion in the Blogosphere. Happy Flu.	
06–08 2007	**LIP6/CNRS, Paris**	Research Internship.
	Kernels in real world networks.	
07–08 2005	**Kelkoo.com**	Summer job.
	Creation of a keyword generator for Google Adwords.	
07–08 2004	**MonsieurPrix.com**	Summer job.
	Development of an e-commerce product indexation spider.	

online

2012	**Who did I forget ?**	whodidiforget.com
	Guest list recommandation for Facebook events based on friends already attending the event.	
2011	**Fellows**	fellows-exp.com
	Automatic community detection among Facebook Friends in order to validate the *cohesion* measure, creation of friend lists.	
2008	**Happy Flu**	happyflu.com
	Experiment aimed to measure viral spreading of content across theblogosphere.	

publications

article in peer-reviewed journal

Reconstructing Social Interactions Using an unreliable Wireless Sensor Network
Adrien Friggeri, Guillaume Chelius, Eric Fleury, Antoine Fraboulet, France Mentré, Jean-Christophe Lucet
Computer Communications 34.5 (Apr. 2011) pp. 609–618. Elsevier, 2011

A Real-World Spreading Experiment in the Blogosphere
Adrien Friggeri, Jean-Philippe Cointet, Matthieu Latapy
Complex Systems 19.3 (2011). Complex Systems Publications, Inc., 2011

peer-revieed conference/proceedings

Biais dans les mesures obtenues par un réseau de capteurs sans fil
Adrien Friggeri, Guillaume Chelius
12èmes Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications (AlgoTel), 2010, Belle Dune, France

Communautés : Arrêtons de ne compter que les arêtes
Adrien Friggeri, Guillaume Chelius, Eric Fleury
13es Rencontres Francophones sur les Aspects Algorithmiques de Télécommunications (AlgoTel), 2011, Cap Estérel, France

Egomunities, Exploring Socially Cohesive Person-based Communities
Adrien Friggeri, Guillaume Chelius, Eric Fleury
NetSci 2011 The International School and Conference on Network Science, 2011, Budapest, Hungary

Fellows: Crowd-sourcing the evaluation of an overlapping community model based on the cohesion measure
Adrien Friggeri, Guillaume Chelius, Eric Fleury
Interdisciplinary Workshop on Information and Decision in Social Networks, 2011, Cambridge, United States

Fellows: Crowd-sourcing the evaluation of an overlapping community model based on the cohesion measure
Adrien Friggeri, Guillaume Chelius, Eric Fleury
Complex Dynamics of Human Interactions, 2011, Vienna, Austria

Triangles to Capture Social Cohesion
Adrien Friggeri, Guillaume Chelius, Eric Fleury
Third IEEE International Conference on Social Computing, 2011, Cambridge, United States

Trouver des communautés socialement cohésives est NP-dur
Adrien Friggeri, Guillaume Chelius, Eric Fleury
13emes journées Graphes et Algorithmes, 2011, Lyon, France

Electronic Sensors for Measuring Interactions between Healthcare Workers (HCWs) and Patients (Pts): the Case of Tuberculosis (TB)
Jean-Christophe Lucet, Guillaume Chelius, Cédric Laouenan, Adrien Friggeri, N. Veziris, D. Lepelletier, D. Abiteboul, Elisabeth Bouvet, Eric Fleury, France Mentré
2010 Interscience Conference on Antimicrobial Agents and Chemotherapy, 2010, Boston, United States

other publications

Des triangles pour mesurer la cohésion sociale : Fellows, une expérimentation sur Facebook
Adrien Friggeri, Eric Fleury
Séminaire w2s @ La Cantine, 2011

research report

Egomunities, Exploring Socially Cohesive Person-based Communities
Adrien Friggeri, Guillaume Chelius, Eric Fleury
Research Report RR-7535, 2011

Triangles to Capture Social Cohesion
Adrien Friggeri, Guillaume Chelius, Eric Fleury
Research Report RR-7686, 2011

Maximizing the Cohesion is NP-hard
Adrien Friggeri, Eric Fleury
Research Report RR-7734, 2011