

adrienfriggeri

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

experience

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

applications

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

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-reviewed conferences/proceedings

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, Hongrie

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, États-Unis

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, Autriche

Triangles to Capture Social Cohesion

Adrien Friggeri, Guillaume Chelius, Eric Fleury
Third IEEE International Conference on Social Computing, 2011, Cambridge, États-Unis

Trouver des communautés socialement cohésives est NP-dur

Adrien Friggeri, Guillaume Chelius, Eric Fleury
13emes journées Graphes et Algorithmes, 2011, Lyon, France

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

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, États-Unis

other publications

Des triangles pour mesurer la cohésion sociale : Fellows, une expérimentation sur Facebook

Adrien Friggeri, Eric Fleury
Séminaire w2s @ La Cantine, 2011

research reports

Finding cohesive communities with C^3

Adrien Friggeri, Eric Fleury

Rapport de recherche RR-7947, 2012

Egomunities, Exploring Socially Cohesive Person-based Communities

Adrien Friggeri, Guillaume Chelius, Eric Fleury

Rapport de recherche RR-7535, 2011

Triangles to Capture Social Cohesion

Adrien Friggeri, Guillaume Chelius, Eric Fleury

Rapport de recherche RR-7686, 2011

Maximizing the Cohesion is NP-hard

Adrien Friggeri, Eric Fleury

Rapport de recherche RR-7734, 2011