

Filippo Geraci Ph.D

PERSONAL INFORMATION

- **Birth date and place:**
- **Phone number: (Office)**
- **Position:** researcher
- **Institution:)**
- **Department:**
- **E-mail:**

EDUCATION

April 2008: Engineering department –University of Siena

- Ph.D. in Information Engineering

December 2003: Dept. Computer Science - University of Pisa

- Master degree in “tecnologie informatiche” (aka Computer Science)

MAIN WORKING EXPERIENCE

From February 2004: Istituto di Informatica e Telematica –CNR - Pisa

- February 2004 – August 2009: Research fellow
- September 2009 – September 2011: Tenure researcher (temporary)
- From September 2011: Researcher

2015/16 and 2016/17: Dept. of Computer Science of the University of Pisa

- Co-chair of the course: “Algoritmica 2” (Advanced algorithms)

2010/11, 2011/12, and 2012/13: Dept. of Engineering of the University of Siena

- Chair of the course: “Sistemi informativi per la gestione aziendale” (Information systems for business management)

OTHER ACTIVITIES

- **April – July 2016 Computer Laboratory - Cambridge University (UK)**
Visiting researcher under the supervision of prof. Pietro. Lio’.
- **Main official involvement in research projects**
 - 2012 - 2014 principal investigator of the project "Sviluppo di algoritmi per l'estrazione di concetti essenziali e relazioni dal testo per il Question Answering" joint with: 'University of Siena and QuestIT (Funded by Regione Toscana (Italy) in the framework POR-FSE of EU).
 - 2012 – 2015 Head of the computational infrastructure of the LISM laboratory (Laboratory of Integrative System Medicine -- <http://www.lism.cnr.it>)

SELECTION OF RECENT PUBLICATIONS

- **2017 – GFS: a Graph-based File System Enhanced with Semantic Features** - International Conference on Information System and Data Mining- *D. Di Sarli, F. Geraci*
- **2017 – Approximating Multi-Class Text Classification via Automatic Generation of Training Examples** - 18th International Conference on Intelligent Text Processing and Computational Linguistics - *F. Geraci, T. Papini.*
- **2016 – Protein complex prediction for large protein protein interaction networks with the Core&Peel Method** - *M. Pellegrini, M. Baglioni, F. Geraci.* - BMC Bioinformatics
- **2015 – Identification of Web Spam through Clustering of Website Structures** - 24th International Conference on World Wide Web Companion - *F. Geraci*
- **2015 – A New Method for Discovering Disease-Specific MiRNA-Target Regulatory Networks** – *M. Baglioni, F. Russo, F. Geraci, M. Rizzo, G. Rainaldi, M. Pellegrini.* - PLoS ONE
- **2015 – Analysis of Next-Generation Sequencing data of miRNA for the Prediction of Breast Cancer** - International Conference on Swarm, Evolutionary and Memetic Computing (SEMCCO) - *I Saha, S Sankar Bhowmick, F Geraci, M Pellegrini, D Bhattacharjee, U Maulik, D Plewczynski.*
- **2013 - A Fast Method for Web Template Extraction via a Multi-sequence Alignment Approach** - *Filippo Geraci, Marco Maggini* - Knowledge Discovery, Knowledge Engineering and Knowledge Management (*Springer Berlin Heidelberg*)
- **2010 - A Comparison of Several Algorithms for the Single Individual SNP Haplotyping Reconstruction Problem** - Filippo Geraci - *Bioinformatics (Oxford journal)*
- **2009 - Extraction and classification of dense implicit communities in the Web graph.** - Yon Dourisboure, Filippo Geraci, Marco Pellegrini - *ACM Transactions on the WEB*
- **2009 - STIMO: STill and MOving Video Storyboard for the Web Scenario** - M. Furini, F. Geraci, M. Montangero and M. Pellegrini - *Multimedia Tools and Applications*
- **2008 - SpeedHap: An Accurate Heuristic for the Single Individual SNP Haplotyping Problem with Many Gaps, High Reading Error Rate and Low Coverage.** - Loredana M. Genovese, Filippo Geraci, Marco Pellegrini - *IEEE/ACM Transactions on Computational Biology and Bioinformatics*
- **2008 – Amic@: All Microarray Clustering @ once** - NAR, Nucleic Acid Research, Web Server Issue - *Filippo Geraci, Marco Pellegrini and M, Elena Renda*

BIBLIOMETRIC INFORMATION

- **Published papers excluding national conferences:** 37 (out of which 13 international journals)
- **Citations:** 694 (according to Google Scholar)
- **H-Index:** 12 (according to Google Scholar)

Pisa, September 1st 2017

SIGNATURE

