

# Giuseppe REINA

## Curriculum Vitæ

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Extended version available at  
<http://www-sop.inria.fr/members/Giuseppe.Reina/>

Objective **Pursuing Master + PhD program.**  
Highlights **Experience in research and industry in Italy, France and USA. 1 journal and 3 conferences publications. One best paper award. Excellent marks.**

### Education

Sep 2008 – Ongoing **MS Degree (Laurea magistrale) in Computer Engineering for Smart Systems, University of Palermo, Palermo, Italy.**

Coursework: Advanced Computer Architectures, Computer Graphics, Nonlinear Programming, Information Systems, Computer History, Artificial Intelligence, Advanced Computer Vision, Advanced Computer Programming, Computer Engineering 2, Human Machine Interaction, Information Systems Security, Coding Theory, Robotics

Sep 2002 – Apr 2006 **BS Degree (Laurea triennale) in Computer Engineering, University of Palermo, Palermo, Italy, 110/100 first-class honours (cum laude).**

Thesis: *An experimental study on the peer to peer network: BitTorrent.* Coursework: Computer Architectures, Linear Programming, Computer Programming, Operating Systems, Digital Electronics, Statistics and Probability, Mathematical Analysis, Mathematical Analysis 2, Databases, Linear Algebra, Physics, Computer Programming, Electrotechnics, Computer Networks, Artificial Intelligence, Economy, Signal Processing, Electronic Communications, Image Processing, Cognitive Robotics, Automatic Control, Software Engineering, Analog Electronics.

### Experience

Jan 2009 – Aug 2009 **Intern, INRIA, Sophia Antipolis, France.**  
Distributed optimization of data delivery mechanism in intermittently connected wireless networks. Research activity, software development, statistical data analysis

Feb 2008 – Apr 2008 **QA, Tester, Developer, ICONICS Inc., Foxborough, MA, USA.**  
Quality Assurance and testing on new suite of 64bit products being developed by ICONICS. Test planning. Alpha testing (usability, functionality, understandability, stress, etc.). Bug tracker. Software developer.

Jun 2007 – Aug 2007 **Intern, INRIA, Sophia Antipolis, France.**  
Reverse engineering of a Java simulator and implementation of Activator-Inhibitor based biologic algorithms over Wireless Sensor Networks. Data harvesting and statistical analysis.

Apr 2006 – Jul 2006 **Research assistant, University of Palermo, Palermo, Italy.**  
Development of a measurement infrastructure to study the reliability of BitTorrent peer to peer system. Carried out related measurement experiments on the Internet for 3 months. Statistical analysis of the data. Research activity in collaboration with CNRG (Computer Network Research Group) at the University of Massachusetts Amherst

### Languages

Common European Framework of Reference (CEFR) for Languages

Italian **Native**

English **Fluent**

*Listening C2, Reading C2, Spoken int. B2, Spoken prod. B1, Writing C1*

French	<b>Beginner</b>	<i>Listening B1, Reading B2, Spoken int. A2, Spoken prod. A2, Writing A1</i>
Japanese	<b>Basic</b>	<i>Listening A1, Reading A1, Spoken int. A1, Spoken prod. A1, Writing A1</i>

## Computer skills

Programming Languages	Awk, Bash scripting, C, C++, C#, CSS, Haskell, Java, Javascript, Lisp, Matlab, Prolog, Python, S-Golog, SQL, VHDL	Graphics	3D Studio Max, Maya, Photoshop, Adobe After Effects, Adobe Premiere, Flash
Operating Systems	Linux , Windows	Other	Design Patterns, Extreme Programming, HTML, Latex, Neural Networks, SVN, UML, Web Services, WPF Windows Presentation Foundation, XML, CVS

## Awards

Jan 2009	EGIDE Scholarship. French organization for international mobility for french researchers abroad and foreign researchers in France.
Dec 2007	Best Paper Award for <i>Evaluating Activator-Inhibitor Mechanisms for Sensors Coordination</i> , Giovanni Neglia and Giuseppe Reina in Bionetics 2007, Dec 2007, Budapest, Hungary
Jun 2007	EGIDE Scholarship. French organization for international mobility for french researchers abroad and foreign researchers in France.

## References

Giovanni NEGLIA, Researcher (CR2) at Maestro Team INRIA, Sophia Antipolis, France Tel. +33(0) 49238 7906 giovanni.neglia@sophia.inria.fr	Ilenia TINNIRELLO, Assistant Professor University of Palermo, Italy Tel. +39(0) 091 6615251 ilenia.tinnirello@tti.unipa.it
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## Publications

JOURNALS	<b>An agent-based service network for personal mobile devices</b> , Alessandro Genco, Salvatore Sorce, Giuseppe Reina and Giuseppe Santoro, IEEE Pervasive Computing, 5(2):54–61, 2006.
CONFERENCES	<b>Evaluating activator-inhibitor mechanisms for sensors coordination</b> , Giovanni Neglia and Giuseppe Reina, In 2nd International Conference on Bio-Inspired Models of Network, Information, and Computing Systems, Budapest, Hungary. <b>Best Paper Award</b> . <b>Availability in bittorrent systems</b> , Giovanni Neglia, Giuseppe Reina, Honggang Zhang, Donald F. Towsley, Arun Venkataramani, and John S. Danaher, In INFOCOM 2007. 26th IEEE International Conference on Computer Communications. IEEE, Acceptance Rate 18%. May 6-12, 2007, Anchorage, Alaska, USA. <b>An augmented campus design for context-aware service provision.</b> , Alessandro Genco, Giuseppe Reina, Paolo Raccuglia, Giuseppe Santoro, Laura Lovecchio, Salvatore Sorce, Rosario Messineo, and Giorgia Di Stefano, In SIGUCCS '05: Proceedings of the 33rd annual ACM SIGUCCS conference on User services, New York, NY, USA, 2005. ACM.
TECHNICAL REPORTS	<b>Evaluating activator-inhibitor mechanisms for sensors coordination</b> , Giovanni Neglia and Giuseppe Reina, Technical report, INRIA, 2007. <b>Availability in bittorrent systems</b> , Giovanni Neglia, Giuseppe Reina, Honggang Zhang, Donald F. Towsley, Arun Venkataramani, and John S. Danaher, Technical report, 06-41, UMASS, 2006.