

CURRICULUM VITAE  
**GIANNI VALENTI**

**PERSONAL INFORMATION**

NAME VALENTI Gianni  
ADDRESS Via A. Bragazzi, 5 – 56123 Pisa (PI) – Italy  
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E-MAIL gianni.valenti@gmail.com  
NATIONALITY Italian  
DATE OF BIRTH 1<sup>st</sup> September 1978  
SEX Male

**PROFESSIONAL EXPERIENCE**

DATES 7<sup>th</sup> September 2009 →  
COMPANY Alkeria Srl  
Via Giuntini, 25 – 56123 Navacchio (PI) – Italy  
SECTOR Electronic industry  
OCCUPATION Digital electronic designer  
Software and firmware developer  
MAIN ACTIVITIES AND RESPONSIBILITIES Design of digital electronic circuits for USB3 and FireWire™ cameras used in scientific, medical and industrial applications.  
Development of software and API in C++ and C# for Windows and Linux.

DATES 11<sup>th</sup> February 2008 → 31<sup>st</sup> August 2009  
COMPANY Piaggio & C. Spa  
V.le R. Piaggio, 25 – 56025 Pontedera (PI) – Italy  
SECTOR Automotive  
OCCUPATION Electronic engineer (Powertrain and engine innovation)  
MAIN ACTIVITIES AND RESPONSIBILITIES Development of lithium-ion battery and BMS for Piaggio Mp3 Hybrid scooter.

DATES 3<sup>rd</sup> December 2007 → 8<sup>th</sup> February 2008  
COMPANY I.S.T.I. – CNR (National Research Council)  
Via G. Moruzzi, 1 – 56124 Pisa (PI) – Italy  
SECTOR Public Research  
OCCUPATION Research fellow  
MAIN ACTIVITIES AND RESPONSIBILITIES Development of software and web-services in Java for workflow management in grid-aware systems.

DATES 1<sup>st</sup> October 2006 → 31<sup>st</sup> October 2007  
COMPANY Istituto Superiore di Formazione Srl  
Via Toscoromagnola, 187 – 56021 Cascina (PI) – Italy  
SECTOR Education / training  
OCCUPATION Software developer  
MAIN ACTIVITIES AND RESPONSIBILITIES Development of a web-based management software.  
Server administration.

DATES 13<sup>th</sup> March 2006 → 13<sup>th</sup> October 2006  
COMPANY Wind Telecomunicazioni Spa / TD Group Srl  
Via Malagoli, 12 – 56100 Pisa (PI) – Italy  
SECTOR Telecommunications  
OCCUPATION Software developer (consultant)  
MAIN ACTIVITIES AND RESPONSIBILITIES Development of the blog platform for the community of Libero.it.

DATES 1<sup>st</sup> December 2003 → 28<sup>th</sup> February 2006  
COMPANY Materia Sas  
Via P. Capponi – 56031 Soiana (PI) – Italy  
SECTOR Web  
OCCUPATION Software developer (freelance)  
MAIN ACTIVITIES AND RESPONSIBILITIES Development of e-learning platform and other web-applications.

DATES 1<sup>st</sup> February 2002 → 30<sup>th</sup> October 2003  
COMPANY Y Group Srl  
Via G. Pascoli – 56100 Pisa (PI) – Italy  
SECTOR Web  
OCCUPATION Owner and CTO  
MAIN ACTIVITIES AND RESPONSIBILITIES CMS development and server administration.

## EDUCATION AND TRAINING

DATE 30<sup>th</sup> September 2008  
QUALIFICATION Italian engineering state exam passed

DATES October 1997 → October 2007  
QUALIFICATION M. Sc. in Electronic Engineering (final score 108/110)  
Thesis title: “Distributed Intrusion Detection for Secure Cooperative Multi-Agent Systems”  
INSTITUTE Facoltà di Ingegneria – Università di Pisa

DATES September 1992 → July 1997  
QUALIFICATION High school diploma (final score 60/60)  
INSTITUTE Liceo Scientifico F. Bonarroti – Pisa

## PUBLICATIONS

- [1] A. Fagiolini, G. Valenti, L. Pallottino, G. Dini, and A. Bicchi, “Decentralized intrusion detection for secure cooperative multi-agent systems,” in *Proc. IEEE Int. Conf. on Decision and Control*, 2007.
- [2] A. Fagiolini, G. Valenti, L. Pallottino, G. Dini, and A. Bicchi, “Local monitor implementation for decentralized intrusion detection in secure multi-agent systems,” *3rd IEEE Conference on Automation Science and Engineering*, 2007.
- [3] A. Fagiolini, M. Pellinacci, G. Valenti, G. Dini, and A. Bicchi, “Consensus-based distributed intrusion detection for multi-robot systems,” *IEEE International Conference on Robotics and Automation*, 2008.

## PROFESSIONAL SKILLS AND COMPETENCES

MOTHER TONGUE	Italian
ENGLISH	Reading: C1 - Writing: C1 - Oral expression: C1. (Self assessment based on Common European Framework of Reference for Languages)
FRENCH	Basic scholastic knowledge
SOCIAL SKILLS AND COMPETENCES	During my experience in Piaggio I was in direct contact with companies of international relevance and I learned to manage multicultural working relationships, developing good cooperation and communication skills.
ORGANIZATIONAL SKILLS AND COMPETENCES	<p>During my experience in Alkeria I participated in the definition of the company information flow and was in charge of designing and developing our ERP.</p> <p>During my experience in Piaggio I learned to organize my work both in group and individually, setting goals and deadlines.</p> <p>While working in Y Group I gained some experience in the coordination of employees and collaborators.</p>
TECHNICAL SKILLS AND COMPETENCES	<p>VHDL (strong knowledge of Xilinx FPGA, MicroBlaze and picoBlaze processors).</p> <p>C, C++, C#, short experience with Java, Assembly.</p> <p>Matlab and Simulink.</p> <p>FMEA, international standards (IEC, ISO, UL).</p> <p>pHp, SQL, HTML, XHTML, XML, XSL, CSS.</p> <p>Good knowledge of Linux server administration.</p> <p>Microsoft Office suite.</p> <p>Operating systems: Mac OS X, Linux, Microsoft Windows.</p>
CREATIVE SKILLS AND COMPETENCES	<p>I have been playing the tenor saxophone since I was ten years old. From 2003 to 2005 I also taught saxophone and music theory at the "L. Mugnone" philharmonic in Navacchio (PI).</p> <p>I played the saxophone in an original-ska band for 10 years. The band participated to several contests and recorded and produced an album entitled "A fine blend of ska &amp; rocksteady" that received good reviews from dedicated magazines.</p> <p>Occasionally I have collaborations with various italian and american musicians.</p>
DRIVING LICENSE	Italian "B" driving license.