



Pavia, 30/06/2015

**C. V. ROBERTO GALDI**

<b>PERSONAL DATA</b>	
NAME:	Roberto Galdi
DATE OF BIRTH:	17.06.1967
NATIONALITY:	Italian
EMAIL:	roberto.galdi@gmail.com
MOBILE:	+39 392 155209
EDUCATION:	University of Pavia, Italy (2009-2014) Bachelor's Degree in Communication, Innovation, Multimediality High School diploma: Electrical and Electronics Engineering Technician
LANGUAGE AND DEGREE OF PROFICIENCY:	Italian: mother tongue English fluent (speaking, reading, writing, comprehension) Spanish, basic (speaking, writing); intermediate (reading, comprehension) Deutsch basic (University course)
COUNTRIES OF WORK EXPERIENCE:	Canada Italy Switzerland Poland (visiting technician at Technical University of Lodz)
<b>EMPLOYMENT RECORD:</b>	
FROM 1991	to date
EMPLOYER	University of Pavia
POSITION HELD AND DESCRIPTION OF DUTIES	IT technician c/o Museum of Electrical Technology Researcher and responsible for IT development System manager CAD Lab FEM studies Researcher at Research Centre for the History of Electrical Technology
FROM 2008	to date
EMPLOYER	Weidmann Electrical Technology AG

POSITION HELD AND DESCRIPTION OF DUTIES	Employee c/o Chiasso office IT management, software development, R&D WEB development, WEB marketing and promotion
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FROM 2014	2015
EMPLOYER	Weidmann c/o Infolytica Ltd. Booth at CWIEME Berlin
POSITION HELD AND DESCRIPTION OF DUTIES	Technical sales Infolytica is based in Canada and UK and produce Finite Element Method software. My duties at Coil Winding, Insulation and Electrical Manufacturing Exhibitions: help customer to get the better results through the use of Infolytica's software and Weidmann competences. meet potential customer to identifying their needs and to propose them possible solutions

FROM 2010	2010
EMPLOYER	Istituto Clinico Humanitas (Research Hospital)
POSITION HELD AND DESCRIPTION OF DUTIES	Consultant DB design and development

FROM 2009	2009
EMPLOYER	Istituto Clinico Humanitas (Research Hospital)
POSITION HELD AND DESCRIPTION OF DUTIES	Teacher IT advanced course teacher. Support media development.

FROM 1999	2004
EMPLOYER	CIPA.AT Lombardia
POSITION HELD AND DESCRIPTION OF DUTIES	Teacher IT and office automation basic and advanced courses teacher. Internet and WEB tools, knowledge and usage teacher Support media development.

FROM 1997	1999
EMPLOYER	University of Pavia – Dept. of Electrical Engineering
POSITION HELD AND DESCRIPTION OF DUTIES	Organizing Committee Member ISEM 9th International Symposium on Non-Linear Systems. Management of scientific media, hospitality and sessions. IT system management.

FROM 1997	1999
EMPLOYER	University of Pavia – Dept. of Electrical Engineering
POSITION HELD AND DESCRIPTION OF DUTIES	Organizing Committee Member ISEF 9th International Symposium in Electrical Field Engineering. Management of scientific media, hospitality and sessions. IT system management.

FROM 1988	1991
EMPLOYER	Marelli Autronica S.p.A.
POSITION HELD AND DESCRIPTION OF DUTIES	Electronic engineering technician Support to design department (automotive electronics) Electronic testing of design and diagnosis of failures. F1 cars electronic units diagnosis of failure.

## **Informatics competences**

**O.S.:** Microsoft Windows, Linux, Unix, Mac O.S., VMS

**Programming** : .Net, Visual Basic, VBA, Fortran, Perl, Java, Javascript, Objective C for applications Apple iPhone (basic), XML, Javascript, PHP

Software development for office automation based on MS Office

Author and co-author of commercial and proprietary software (Finite Element Method based optimization; project management)

**Web based software for remote control and collaboration:** Citrix (GoTMeeting, GoToMyPC) TeamViewer, Hitachi StarBoard

**Database:** MySQL installation, management, programming, queries (SQL). Microsoft Access, installation, management, programming, queries.

**WEB and Internet:** Since when in 1996 I started up and Internet Service Provider company I acted as web developer, webmaster, privacy manager, search engine optimization consultant and technical service responsible.

**Graphic software:** Photoshop, OpenScad

## **Communication competence**

Good communication and social skills developed during the consultancy and teaching activities and improved in academic sphere.

## **Other competences**

### **Other competences:**

3D printing. Since 2013 working with different models of 3D printers and related software.

APT - International Safety Training Centre: Fire prevention and fighting and emergency managing in high fire risk activities (Certificate)

## **PUBLICATIONS**

**Proceedings ET 2003**, XIX Riunione Nazionale dei Ricercatori di Elettrotecnica, Perugia, 19-21 giugno, 2003 – “Crescita di Intermetalli in Giunzioni di Circuiti Integrati di Potenza: Problemi di Identificazione del Modello”

**Proceedings ISEF 2003**, 11th International Symposium on Electromagnetic Fields in Electrical Engineering, Maribor, Slovenia, september, 18-20 2003, pp.165-170 (ISBN 86-435-0561-7) – “Optimal Shape Design of a High Voltage Test Arrangement”

### **Export of MagNet 3D models and fields to VRML**

**Roberto Galdi**, Ugo Piovan

Presented at Infolytica User Group Meeting 2003, Montreal, Quebec

### **An Industrial Approach to Discrete Optimization**

P. Di Barba, R. Galdi, A. Savini, D. Dyck, S. Lalonde, U. Piovan

Presented at Infolytica User Group Meeting 2003, Montreal, Quebec

### **Optimization of eddy current sensors in the MHz range using a FEM model of proximity effects**

F. Baumgartner, L. De Fina, B. Forghani, R. Galdi, R. Grabherr, M. Hefit, M. Negro, U. Piovan

INDUCTICA 2006, Berlin

**Proceedings 3° Convegno Nazionale TECNOLOGIE ed ECONOMIA della DOMOTICA, Pavia**, september 18, 2007 – “La Casa Elettrica nel Novecento”

**The SIRTI collection of telephones in the Pavia Museum of Electrical Technology**

Savini, A. ; **Galdi, R.** ; Pietra, F. ; Zanetta, L. ; Bowers, Brian  
History of Telecommunications Conference, 2008. HISTELCON 2008. IEEE

**AEIT Review, jan.-feb., 2008** – “Due Secoli di Storia della Tecnica Elettrica nel Nuovo Museo di Pavia”

**Proceedings “Histelcon 2008”, settembre, 11-12, 2008, Parigi**, “The SIRTI Collection of Telephones in the Pavia Museum of Electrical Technology”

**Radio broadcasting in Italy between the two world wars and its political usage**

**R.Galdi**, F.Pietra, A.Savii-  
History of Telecommunications Conference (HISTELCON), 2010

**Collecting the old and the new at the Pavia Museum of Electrical Technology**

**R.Galdi**, F.Pietra, A.Savini  
Proceedings HISTELCON-2012

**The Giovi line and the three-phase electrification**

Bowers, B. ; **Galdi, R.** ; Jeszenszky, S. ; Pietra, F. ; Savini, A.  
HISTory of ELectro-technology CONference (HISTELCON), 2012

**From Volta onwards: A variety of electrical batteries in the Pavia Museum of Electrical Technology**

Brenni, P. ; **Galdi, R.** ; Pietra, F. ; Savini, A.  
HISTory of ELectro-technology CONference (HISTELCON), 2012

**Review “Contatto Elettrico”, BE-MA Editrice, march, 2008**, “Neon. Il gas che illumina.”

**Review “Contatto Elettrico”, BE-MA Editrice, april, 2008**, “Inverter. Piccoli ma rivoluzionari.”

**Review “Contatto Elettrico”, BE-MA Editrice, may, 2008**, “Sicurezza a bordo macchina. Per lavorare tranquilli!”

**Review “Contatto Elettrico”, BE-MA Editrice, june-july, 2008**, “Telecomando. Non solo televisione...”

**Review “Contatto Elettrico”, BE-MA Editrice, august-september, 2008**, “Cablaggio Strutturato. Autostrade di Informazioni.”

**Review “Contatto Elettrico”, BE-MA Editrice, october, 2008**, “Strumenti di misura. L’elettricità in un calcolo.”

**Review “Contatto Elettrico”, BE-MA Editrice, november, 2008**, “Transponder. Il futuro è RFID.”

**Review “Contatto Elettrico”, BE-MA Editrice, december-january, 2008**, “Minieolico. La forza del vento.”

**Review “Contatto Elettrico”, BE-MA Editrice, february, 2009**, “Dinamo. Un passato di gloria.”

**Review “Contatto Elettrico”, BE-MA Editrice, marzo, 2009**, “Termoconvettori. Benessere in ogni stagione.”