

CURRICULUM VITAE

Paolo Giribona, Dr. Eng.

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Date of birth: 23 March 1955

Nationality: Italian

Mother tongue: Italian



Education:

1974 Diploma from Scientific High School of Trieste, Italy (grade 60/60)

1981 Degree in Electrical Engineering from the University of Trieste, Italy (grade 110/110)

Language skills:

Language	Reading	Speaking	Writing
English	1	2	2
French	1	3	3
Spanish	1	3	4
(1 - excellent; 5 - basic)			

Professional history:

1981 - 1983 Junior Researcher, Hospitals of Trieste, National Research Project on Medical Informatics
 1983 - 1984 Senior Researcher, Dept. of Clinical Engineering, Trieste Hospitals Administration
 1984 - 1992 Clinical Engineer at Dept. of Clinical Engineering, Trieste Hospitals Administration
 1986 - 1992 Technical Director, CIVAB - Centre for Evaluation of Medical Technology, Area Science Park, Trieste, Italy
 1993 - 1998 Director, CRSTBS - Centre for Research on Health Technology, Area Science Park, Trieste, Italy
 1994 - 1998 Deputy Director, Ital-TBS Clinical Engineering Services, Trieste, Italy
 1998 - 1999 Director, Project "HIS - Hospital Information System", Hospital "S.F. Neri", Rome, Italy
 2001 - 2010 Scientific Director, Biomedical Technology Consulting GmbH, Trieste, Italy
 2006 - 2010 R&D Director, Health Robotics GmbH, Bolzano, Italy

Present activity:

- Freelance medical equipment consultant. Main activity fields: (i) development of investment plans for biomedical equipment, (ii) development and revision of technical specifications for equipment procurement, (iii) development of strategies for health technology maintenance and management.

Other offices held:

1986 - 1991 Italian Ministry of Foreign Affairs: Consultant, Cooperation Projects in Developing Countries (South and Central America)
 1989 - 1992 E.C. Programme COMAC-BME "ISCAMI": Member of Management Group
 1990 President, Organizing Committee of "EuroPACS 90 - International Meeting on Picture Archiving and Communication Systems", Trieste, Italy - 1990
 1993 - 1994 E.C. Project "Assessment of Information Technology in Medicine (ATIM)": Member of Management Group
 since 1996 E.C. Project "BEAM - Health Telematics": Coordinator, Project Line "Medical Equipment Management System"
 1996 World Health Organization: short term technical consultant (Central Europe)
 1996 - 1998 Italian Ministry of Health: Director of Operations, National Project "Observatory of Biomedical Technology"
 2008 - 2009 E.C. Project "Safechemo - Safe management of cancer therapies": Member of Management Group

Didactic activities:

- 1982 - 1996 Lecturer, School for Diagnostic Ultrasound, University of Trieste, Italy
- 1991 - 1999 Contract Professor, Postgraduate School of Clinical Engineering, University of Trieste, Italy
- since 1990 Contract Professor, Postgraduate School of Radiology, University of Trieste, Italy

Publications: More than 60 (on Italian and international scientific journals)

References:

Social involvement activities:

- Participation in development projects in the following countries: Russian Federation, Bosnia and Herzegovina, Croatia, Albania, Macedonia, Romania, Moldova, Poland, Lithuania, Bulgaria, Turkey, Hungary, Lebanon, Belarus, Georgia, Armenia, Kyrgyz, Uzbekistan, Iran, Iraq, Viet Nam, Cambodia, Algeria.

Professional activity for Italian Institutions

- Health Research Institute "Centro Ricerche Oncologiche", Aviano, Pordenone
- Health Research Institute "B. Garofolo", Trieste
- Health Research Institute "Casa Sollievo della Sofferenza", S.G. Rotondo, Foggia
- Law Court of Parma
- Regional Hospital Administration Medio Friuli, Udine
- Regional Hospital Administration Alto Friuli, Tolmezzo, Udine
- Regional Hospital Administration Basso Friuli, Palmanova, Udine
- University Hospital of Catania
- Regional Hospital Administration Ragusa
- San Giovanni Hospital, Rome
- Regional Hospital Administration Aosta
- Regional Hospital Administration Pescara
- Regional Hospital Administration Padua
- Regional Hospital Administration Verona
- Regional Health Authority, Province of Bolzano
- Regional Hospital Administration Empoli
- Hospital S. Filippo Neri, Rome
- Regional Hospital Administration, Civitavecchia, Rome
- Ital-TBS S.p.A., Trieste
- CRSTBS – Research Centre for Health Technology, Trieste
- CISP, Rome
- Ministry of Foreign Affairs, Dept. for Development Countries Cooperation, Rome
- Regional Health Authority of Friuli Venezia Giulia Region, Trieste
- AREA Science Park, Trieste

Patents:

Author of the following patents in the field of biomedical technology:

Italian patents:	International patent applications:	US patent applications:
- BZ2000A000053	- PCT/IT2006/000688	- US 12/870,872
- AN2006A000044	- PCT/IT2006/000739	- US 12/870,875
- BO2006A000840	- PCT/IT2006/000740	- US 12/870,876
	- PCT/IT2006/000816	- US 12/870,878
	- PCT/IB2006/003505	- US 12/870,881
	- PCT/IB2007/003577	- US 12/870,884

Prizes:

- Area Science Park Trieste, Italy: 2008 - 3L3T Innovation Award
- Area Science Park Trieste, Italy: 2010 – Special Mention for Innovative Products Development

Most important publications:

W.Ukovich, D.Bravar, P.Giribona, et al.:

"Trieste PACS Project: a Functional Assessment"
Abstracts 7th EuroPACS Conference, 1989, p. 25

D.Bravar, R.Catalano, P.Giribona, C.Giuricin:

"Clinical Engineering Department in Hospital"
Proceedings of the V Mediterranean Conference on Medical and Biological Engineering, 1989, pp.86-89

D.Bravar, P.Giribona:

"Clinical Engineering Development in Italy"
Proceedings of the World Congress on medical Physics and Biomedical Engineering, 1991, Vol.1, p. 509

P.Giribona, D.Bravar, et al.:

"PACS and Related Research in Italy"
Proceedings of the NATO Advanced Study Institute on Picture Archiving and Communication Systems (PACS) in Medicine, 1990, pp. 283-288

D.Boullier, D. de Certaines, M.Del Vecchio, P.Giribona, D.Bravar:

"PACS Technology Assessment on Pilot Sites"
Commission of European Communities - AIM Project: A-1030, Workpackage: 1040, 1990

W.Ukovich, L.Dalla Palma, P.Giribona, et al.:

"Practical Experience with PACS: Benefits and Pitfalls"
Proceedings SPIE, Medical Imaging IV: PACS System Design and Evaluation, 1990, vol.1234, pp. 34-43

P.Giribona, D.Bravar, et al.:

"A Global Project for the Assessment of a PACS System"
Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 1989, Vol.11, pp.789-790

W.Ukovich, D.Bravar, P.Giribona, et al.:

"An Experimental Evaluation of the Impact of a PAC System on the Operations of a Radiology Department",
In: H.U.Lemke, M.L.Rhodes, C.C.Jaffe e Coll. (eds.): Computer Assisted Radiology -Proceedings of the International Symposium CAR'89; Springer Verlag, 1989 pp. 537-540

L.Dalla Palma, W.Ukovich, P.Giribona et al.:

"The Trieste PACS Project: One Year Experience"
Proceedings of the 6th Radiological Symposium, 1989

W.Ukovich, L.Dalla Palma, P.Giribona, et al.:

"Justifying PACS: General Considerations on the Base of the Trieste Experience"
Proceedings of International Conference on HU-PACS, 1989

L.Dalla Palma, W.Ukovich, P.Giribona, et al.:

"Sistema PACS a Progetto Modulare. Esperienza Operativa Preliminare I Parte"
La Radiologia Medica, 1990, vol 80, pp. 9-17

L.Dalla Palma, W.Ukovich, P.Giribona, et al.:

"Sistema PACS a Progetto Modulare. Esperienza Operativa Preliminare II Parte"
La Radiologia Medica, 1990, vol 80, pp. 18-23

W.Ukovich, P.Giribona:

"The Trieste Project: PACS and Beyond"

Abstracts of the II International Conference on IMAGE MANAGEMENT AND COMMUNICATION in Patient Care: new Technology for Better Patient Care, 1991, pp. 78

P.Giribona, D.Bravar et al.:

"The Trieste PACS Project"

European Seminars on Diagnostic Imaging 1990: Course on Digital Radiology and PACS Technology, 1990, vol.3, pp. 27-34

W.Ukovich, D. Bravar, P.Giribona, et al.:

"Trieste PACS Project: a Functional Assessment"

Med.Inform., 1990, vol.15 n.1, p.31-37

P.Giribona:

"Principles for PACS Evaluation"

ISCAMI 1: Integrated System for the Management and Manipulation of Medical Images, Springer Verlag, 1991, pp. 16-23

I.Pinto, S.Polvi, P.Giribona, T.Dell'Aquila:

"Power Spectrum Analysis of MRI Noise"

Physica Medica, 1990, Vol. VI, N. 3-4, pp. 227-229

D.Rustja, P.Giribona, et al.:

"Utilizzo di un Oggetto Test per l'Analisi dell'Indice di Pulsatilità in Flussimetria Doppler"

Ultrasonica, Anno VI- n. 3, 1991, pp. 130-134

D.Bravar, P.Giribona:

"Clinical Engineering Development in Italy"

Proceedings of the World Congress on medical Physics and Biomedical Engineering, 1991, Vol.1, p. 509

P.Giribona:

"Principi ed Apparecchiature"

Abstracts II Corso Nazionale di Aggiornamento Medicina Perinatale, 1992, pp. 41-42

P.Giribona, D.Bravar, F.Stacul, W.Ukovich:

"PACS Experiences in Trieste"

International Journal of Bio-Medical Computing, 1992, vol. 30, No. 3,4, pp. 285-293

F. Stacul, P. Giribona, et al.:

"Sistemi per gestione ed archiviazione di immagini digitali"

La Radiologia Medica, n. 84 (suppl. 1), 1992, pp. 270-276

D.Bravar, S.Fonda, P.Giribona:

"Activities of the Centre for Information and Evaluation of Biomedical Equipment of Trieste"

Proceedings of the VI Mediterranean Conference on Medical and Biological Engineering, 1992; Vol. I pp. 561-564

A.Buizza, T.Dell'Aquila, P.Giribona, C.Spagno:

"An Experimental Set-Up for Measuring the Output of Extra-Corporeal Shock Wave Lithotripters"

Proceedings of the VI Mediterranean Conference on Medical and Biological Engineering, 1992; Vol. I pp. 565-568

A.Buizza, T.Dell'Aquila, P.Giribona, C.Spagno:

"Measurement of the Output of Commercial Extra-Corporeal Shock Wave Lithotripters for Kidney Stones"

Proceedings of the VI Mediterranean Conference on Medical and Biological Engineering, 1992; Vol. I pp. 605-608

A.Buizza, T.Dell'Aquila, P.Giribona, C.Spagno:

"Il litotritore extracorporeo ad onda d'urto: aspetti costruttivi e valutazione tecnica"

L'Elettrotecnica, vol. LXXIX, n. 12, dicembre 1992, pp. 1195-1204

A.Buizza, T.Dell'Aquila, P.Giribona, C.Spagno:

"An example of technical evaluation of medical instrumentation: development of a test protocol for Extra-Corporeal Shock Wave Lithotripters (ESWL)"

Proceedings of the IFMBE workshop "Development, Assessment and Maintenance of Medical Instrumentation", 1993; pp. 80-83

C. Lamberti, L. Carota, P. Giribona et al.:

"Development of a European medical equipment management system"

Proceedings of the IFMBE workshop "Development, Assessment and Maintenance of Medical Instrumentation", 1993; pp. 137-142

P. Giribona:

"Collegamenti con RIS e HIS: problematiche di accesso"

Proceedings of "Radiologia Digitale e PACS: Realtà italiane e progetti", Istituto Nazionale per lo Studio e la Cura dei Tumori, seminar n. 54, Milano, 15.10.1993

D. Bravar, S. Fonda, P. Giribona:

"Il progetto ACMAGEST del C.N.R. ed il progetto CIVAB dell'Area di Ricerca di Trieste: metodologie e strumenti di gestione delle tecnologie biomediche"

in FORUM Valutazione - Documenti, n. 5, maggio 1993 - Ed. F. Angeli, Milano

S. Fonda, D. Bravar, P. Giribona:

"Nuovi compiti per un servizio tecnologico avanzato nella Sanità. L'esperienza del CIVAB"

Proceedings of A.E.I., Associazione Elettrotecnica Italiana, Ancona 3-6 ottobre 1993

F. Stacul, P. Giribona, R. Cuttin Zernich e Coll.:

"Un sistema PACS nella realtà clinica: il progetto di Trieste"

La Radiologia Medica, n. 87: 822-832, 1994. Edizioni Minerva Medica - Torino

P. Giribona, F. de Wet, N. Carbi:

"How to resist the marketing pressure: Medical Equipment"

The Cangaroo, Bibliographic Archives for Maternal and Child Health, n. 1, July 1995, pp. 65-70, ISSN 1122-8474

Diminich, M., Inchingolo, P., Martinolli, N., Dalla Palma, L., Giribona, P., Pozzi, R. & Stacul, F.

"ARIS: an Autonomous Remote Image Station Offering Both Local and Remote IMACS/RIS Resources in an Open Environment"

In Proceed. 3rd European Conf. Engineering and Medicine, p. 241, 1995.

P. Giribona, M. Iacono, C. Giuricin e Coll.:

"A Regional Approach for the Management of Medical Technology in Italy: the Observatory of the Friuli Venezia Giulia Region"

Proceedings of the International Conference on Clinical Engineering, Merano 20-21 October 1995, pp.199-210

A. Cortese, F. Fioravanti, M. Iacono, P. Giribona:
"Clinical Chemistry Lab Improvement Using the Italian Data Bank of Biomedical Technology"
Biochimica Clinica, Suppl. 1/5-6, vol 20, 1996

P. Giribona, S. Targa, D. Rustja e Coll.:
"Physical principles of ultrasounds and echocardiographic instrumentation"
in: G.L. Nicolosi, Trattato di Ecocardiografia Clinica, Cap. 2, pp. 53-100, 1999 Piccin Ed., ISBN 88-299-1495-9

P. Giribona:
"CytoCare: fully automated cytostatic compounding"
in: Abstracts of 4th European GERPAC Conference – Hyères, France, 4-6 October 2006, p.14

A.Tavella, P. Giribona, C. Dalvit
"Informatica e tecnologia in oncologia: l'esperienza di Bolzano"
in: Abstracts of SIFO Conference "Rischio clinico e terapie farmacologiche: quali tecnologie a confronto" Milano, 10 November 2006

F. Burigana, P. Giribona
"Manual muscle test under weak magnetic field in cancer patients"
in: Abstracts of XXIII IATMO Conference: Cancer, Cell Death and Differentiation – Trieste, Italy, 19-21 October 2007, p. 32.

P. Giribona
"Introduction to the SafeChemo project and technology"
13th Congress of the European Association of Hospital Pharmacists EAHP, Maastricht , The Netherlands, 27 – 29 February 2008

P. Giribona
"Automation, Robots and Vision in the Pharmaceutical Sector: Opportunities of Development"
European Factory Automation Committee EFAC, 6th Assembly Technology Conference
Davos, Switzerland, January 21-22, 2011