



Europass Curriculum Vitae

PAOLO MARONE



Personal information

First name(s) / Surname(s) **PAOLO / MARONE**

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Nationality ITALY

Date of birth 27.11.1959

Gender M

Professional employment / Occupational field

Senior Engineer
Specialized in Civil, Environmental, Mine and Stone Engineering

Work experience

International Civil Engineering Designer,
Applied Scientific Reaeacher in Stone and Civil Structures,
International Consultant for Institutions and Private Companies
International Instructor for Training of Trainers, Seminars, Conference and Educational Courses

Dates and work experience

1985-2016 - Professional Engineering Designer
1984-2016 - Resercher in new building materials and stone testing
1990-2016 - International Consultant in Stone Technologies and Civil Engineering
1998-2016 - International Instructor in Stone, Concrete and Mortar Technologies

Dates and Occupation or position held

1984-1990 Researcher - Structural Department of University of Naples Federico II - Polytechnic
1990-1998 - General Manager of Engineering and Consulting Sud srl
1998-2005 - Director General of International Marble Institute
2005-2008 - Director General of Assorestauro
From 2008 - President of International Marble Institute

Main responsibilities

Project Manager for building constructions, quarries and stone processing plants
Team Leader for industrial development projects
Instructor of Seminars, Conferences, Educational Courses and ToT

Address of employments

NAPOLI, MILANO, CARRARA, VERONA, etc. – ITALY

Type of business or sector

BUILDING MATERIALS
STRUCTURES of CIVIL CONSTRUCTION
STONE TECHNOLOGY
CONCRETE and MORTARS
GREEN BUILDING INDUSTRY
RESTORATION of STONE MONUMENTS

Education and training

Dates of degree 25.07.1984
Title of qualification awarded CIVIL, ENVIRONMENTAL and MINE ENGINEERING

Degree 110 cum laude

Name and type of organisation providing education and training UNIVERSITY of NAPLES FEDERICO II – POLYTECHNIC

Level in national and international classification National Engineers' Council – Naples Province: no.9139
BACHELOR + MASTER of ENGINEERING

Personal skills and competences

Mother tongue(s) ITALIAN

Other language(s)

Self-assessment

European level (*)

ENGLISH

SPANISH

PORTUGUESE

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
1	1	1	1		2
2	2	3	3		4
4	4	5	5		5

(*) [Common European Framework of Reference for Languages: 1-excellent and 5-basic](#)

Technical skills and competences STONE, CONCRETE and MORTAR PROCESSING MACHINES USE and TEACHING

Computer skills and competences WINDOWS + MANAGEMENT, AUTOCAD, CAD-CAM and STRUCTURAL DESIGN SOFTWARES USE and TEACHING

Safety skills and competences UNDSS – UNITED NATIONS DEPARTMENT of SAFETY and SECURITY – ADVANCED LEVEL

Driving licence ITALIAN / CE LICENCE – TYPE A+B

Additional information

First Professional Experiences at University

Engineer Paolo Marone following in the footsteps of his family's engineering careers (grandfather eng. Paolo, father eng. Elio and sister eng. Paola), received **a cum laude degree** in Civil Construction and Environmental Engineering at the Naples Polytechnic on July 25, 1984, presenting a thesis on "Stone Masonry Buildings in Seismic Zones: the sliding break-plane theory". His thesis supervisor was Prof. Eng. Michele Pagano, Construction Technique Institute (Structure), Naples Polytechnic Engineering Faculty, Federico II University. While preparing his degree thesis he conducted experiments in the university institute laboratory on models of buildings with stone ashlar walls subjected to seismic action and with Prof. M. Pagano and Prof. B. Calderoni devised an automatic ("step-by-step") calculation model to inspect "**ashlar stone structures**" bonded with mortar not resistant to traction, this work was published in INGEGNERIA SISMICA, YEAR IV – No.3 – September/december 1987, Bologna.

Career as a speaker, docent and/or sector expert at conferences, training courses, technological seminars, in technical-scientific research

- 1) Speaker – CNR conference on: “The state-of-the-art in Italy in masonry mechanics” – October 14/15, 1985 – CNR, Rome, Italy;
- 2) Speaker – SAIE conference on: “Standards for masonry buildings in Italy” – October 1986 – Bologna Fair, Bologna, Italy;
- 3) Speaker – Conference on “Bradyseismics and connected phenomenon”; his paper dealt with “The sliding break-plane criterion” – Naples University and Campania Region conference, Engineering Faculty, Piazzale Tecchio, January 19/20, 1986, Naples, Italy;
- 4) Speaker at seminars held at the European Restoration University in Ravello (Salerno), November 1987, concerning “The restoration of artefacts and monumental structures”; his paper dealt with “Experiments on small-scale models of buildings in stone ashlar”; Ravello, Italy
- 5) Speaker at a seminar held in Naples on June 4, 1987 titled “An information system for urban renewal” – Architecture, Engineering and Business and Economic faculties of Naples University – CESUN, P.le Tecchio, Naples, Italy;
- 6) Speaker at the conference held at the ISVEIMER expo in Naples, June 10, 1991, with a paper on “innovative worksites for protecting and recouping monumental assets”; conference organized by ICOMER, Naples;
- 7) Speaker at the conference held at the Grand Hotel Santa Lucia in Naples on April 7, 1995, with a paper on “Italian Synergies in China”; conference organized by ERVA and IDIS, Naples;
- 8) Docent and team leader at a training course in China devoted to technologies for working ornamental rocks, in cooperation with the SABMI, State Administration of Building Materials Industry, September 1996, Suzhou, People’s Republic of China;
- 9) Speaker at the conference organized by the Massa-Carrara Chamber of Commerce on “Growth of the Chinese market for stone building materials”, March 1997, Carrara, Italy;
- 10) Speaker at the technological seminar held in Udaipur, India, on behalf of ICE and in cooperation with RIICO and AIGSA, April 1997; paper on “Technologies for working and processing natural stones”; Udaipur, India;
- 11) Speaker at the technological seminar held in Bangalore, India, on behalf of ICE in cooperation with AIGSA, April 1997; paper on “Technologies for working and processing marble and granite”; Bangalore, India’
- 12) Docent at the technological seminar held in Ho Chi Minh City, Vietnam, on behalf of ICE and in cooperation with Constrexim, November 1997; paper on “Technologies for working and processing marble and granite”, Vietnam;
- 13) Speaker at itinerant seminars in Sydney and Melbourne, Australia, on behalf of ICE, December 1997; paper on “Technologies for working and processing marble and granite”; Australia;
- 14) Speaker at technological seminars in Xiamen and Guang Zhou, China, on behalf of ICE and in cooperation with CSA and SABMI, April 1998; paper on “Technologies for working and processing marble and granite”; People’s Republic of China;
- 15) Docent and project manager for the training course for Iranian technicians and managers held on behalf of ICE and Assomarmomacchine, Carrara, May 1998; Iran;
- 16) Docent for the technological seminar held in Yangon, Myanmar on behalf of ICE and the Italian Embassy, September 1998; paper on “Technologies for extracting, working and processing marble and granite”; Myanmar (Burma);
- 17) Docent at the technological seminar held in Bangkok, Thailand, on behalf of ICE and in cooperation with THAI MA, November 1998; paper on “Technologies for extracting, working and processing marble and granite”; Thailand;
- 18) Speaker at the technological seminar held in Hanoi, Vietnam, on behalf of ICE and in cooperation with VABM and CONSTREXIM, November 1998; paper on “Technologies for working and processing marble and granite”; Vietnam;
- 19) Docent at four technological seminars held in Bangalore, India, on behalf of ICE and in cooperation with AIGSA, February 1999; various papers concerned with technologies for extracting, working, processing and installing marble and granite; India;
- 20) Docent at technological seminars held in Cheng Du, China, on behalf of ICE and in cooperation with CSA and SABMI, April 1999; paper on “Technologies for extracting, working and processing marble and granite”; People’s Republic of China;

- 21) Work organizer and coordinator and speaker at the first Convention of Stone Sector Trade Associations in Carrara – ICE, I.M.M. di Carrara and Assomarmomacchine, May-June 1999; Italy
- 22) Docent at the seminar held in Cairo, Egypt, on behalf of ICE and in cooperation with the Egyptian Ministry of Industry, June 1999; paper on “Technologies for extracting, working and processing marble and granite”; Egypt;
- 23) Team leader in technical and market research for the Libyan stone sector and speaker at round tables held in Tripoli, Benghazi and Garian on behalf on ICE and the Italian Embassy, July 1999; Libya;
- 24) Docent and manager of the on-the-job training courses held in Chinese quarries to teach diamond-wire cutting techniques, Zhing Shan, China, August 1999 to September 2000; People’s Republic of China;
- 25) Docent and project manager for the “Master in Stone Technology” courses on extracting and processing Italian stones, held in Italy on behalf of ICE, Assomarmomacchine and the Verona Fair, September 1999, October 2000; Verona;
- 26) Docent for the technological seminar held in Tashkent, Uzbekistan during the Italian Technology Week organized by the Foreign Trade Ministry and ICE, October 1999; paper on “Technologies for extracting, working and processing marble and granite”; Uzbekistan;
- 27) Docent for the technological seminar held in Santiago, Chile, ICE, November 1999; paper on “Technologies for working and processing marble and granite”; Chile;
- 28) Docent at the technological seminar held in Sao Paulo, Brazil in cooperation with SIMAGRAN and ASBEA, November 1999 – Master in Stone Design – Installing and Designing Stone Coverings; Brazil;
- 29) Docent at the cycle of technological seminars held in Cairo, Egypt, ICE, December 5/8 1999; paper on “Technologies for extracting, working and processing marble and granite”; Egypt;
- 30) Docent at the technological seminar held in Guilin, China; ICE and CSA, April 2000; paper on “Technologies for extracting, working and processing marble and granite”; People’s Republic of China;
- 31) Team leader and docent for training courses in Carrara, June 2000; on behalf of the European Commission, “Leonardo da Vinci – Stoneduca” education project; participants: Republic of Slovakia and Germany; paper on “Technologies for extracting, working and processing marble and granite”; Italy;
- 32) Team leader and docent for training courses for U.S. (AIA) and other foreign architects in Verona during the Marmomacc 2000 show, in cooperation with Verona Fair and ICE, September-October 2000; Italy;
- 33) Speaker at the seminar (including demonstrations of technology for installing stone coverings) held in Zhong Shan on behalf of ICE and Assomarmomacchine, November 2000; People’s Republic of China;
- 34) Speaker at the seminar for members of the Order of Architects of the People’s Republic of China concerned with design technologies for Italian natural stones, March 2001; Beijing, China;
- 35) Speaker at the training course for managers and technicians in the Turkish stone sector; course title: “Advanced Italian technologies for working natural stones”, March 2001, Izmir, Turkey;
- 36) Speaker at four seminars on technologies for working Italian stone materials held for AIA architects on behalf of the Verona Fair; AIA Convention, May 2001, Denver, USA;
- 37) Project manager and docent for the itinerant training course in Tuscany held for architects and stone sector operators from North African countries (Algeria, Egypt, Libya, Tunisia), June 2001, Carrara, Italy;
- 38) ISIM project manager for the “Stoneduca-Leonardo da Vinci” educational project in cooperation with SOU of the Slovakian Republic and other organizations in European countries, 1999-2001; Republic of Slovakia;
- 39) Seminar on Italian computerized numerical-control technology for profiling and contouring ornamental rocks, October 2001, Ft. Lauderdale, Florida, USA;
- 40) Speaker at the technical conference illustrating the Italian-Argentine cooperation project for developing the Argentine stone sector; Assomarmomacchine, November 2001, Buenos Aires, Argentina;

- 41) Speaker at the technical conference illustrating the Italian-Chilean cooperation project for developing the Chilean stone sector; Assomarmomacchine/ICE, November 2001, Santiago, Chile;
- 42) Team leader and docent for courses held at the quarry-school and workshop-school with practical demonstration, in cooperation with the Mining University and Architecture Faculty of Hanoi, November 2001, ICE, Hanoi, Vietnam;
- 43) Project manager for a teaching project organized for Polish architects in promotion of Italian stone materials; SARP, January 2002, Warsaw, Poland;
- 44) Docent for technological seminars in China on extracting and working natural stones; Shanghai, Cheng Du and Xining; ICE, April 2002; People's Republic of China;
- 45) Docent and project manager for a quarry-school in Calama and a workshop-school in Santiago on behalf of ICE in Chile, June 2002; Chile;
- 46) Docent for a training course in Italy, in cooperation with Verona Fair, to promote work techniques and design for Italian ornamental rocks; Verona, 2002; Italy;
- 47) Docent for the training course held at the Zapala University of Mining Engineering (theory) and in quarries (practice) as part of the quarry-school project in Argentina on behalf of ICE and Assomarmomacchine; Patagonia, Neuquen Province, October 2002, Argentina;
- 48) Docent for the training course held at the Architects Association in Buenos Aires on developing Argentine natural stones, on behalf of ICE and the Argentine Mineral Resources Ministry, October 2002, Argentina;
- 49) Speaker at the seminar on "Sicily's Ornamental Stones" held at the conference center at the Stone Covering show in Tokyo on behalf of the Sicily Region and ICE, November 2002, Japan;
- 50) Docent for technological seminars held in Wroclaw in cooperation with the Polish Architects Association (SARP) and ZPBK (the Polish stone industry trade association) on "Work technologies and design methods for natural ornamental stones"; ICE and Assomarmomacchine, November 2002, Poland;
- 51) Team leader and part-time docent at the professional training center in Strzegom, with technical and practical courses and on-the-job training at a granite quarry, November 2002; Italian Production Ministry and Assomarmomacchine; Poland;
- 52) Docent for a training program for "Natural Stone Technicians" held in cooperation with the Galilei State Technical Institute, Sannio University Engineering Faculty, the T. and C. Consortium and Assomarmomacchine, in Benevento, December 2002 to April 2003; Italy;
- 53) Team leader and docent for the project to create a stone-trade school in Poland, city of Strzegom; Italian Production Ministry and AIMM, 2003, Poland;
- 54) Team leader and docent for the project to create a stone-trade school in China, city of Baoxin; Italian Production Ministry and AIMM, 2003; People's Republic of China;
- 55) Team leader for the project to create a stone-trade school in Brazil, SENAI of Rio di Janeiro; Italian Production Ministry and AIMM, 2003, Brazil;
- 56) ISIM project manager for the "Stoneduca – Leonardo da Vinci" project, Stage 2, in cooperation with SOU and other European organizations, 2003-2204, Slovakia;
- 57) Speaker at technological seminars in China concerned with extracting and working natural stones; Xiamen and Beijing, April 2003; China;
- 58) Speaker at technological seminars in Thailand concerned with extracting and working natural stones; Bangkok, May 2003; Thailand;
- 59) Speaker at technological seminars in Indonesia concerned with extracting and working natural stones; Jakarta, May 2003; Indonesia;
- 60) Speaker at technological seminars in the U.S. concerned with extracting and working natural stones; Atlanta and Ft. Lauderdale, June 2003, USA;
- 61) Speaker at technological seminars in Russia concerned with extracting and working natural stones; St. Petersburg and Moscow, June 2003; Russia;
- 62) Team leader for technical surveys on stone production in Poland, China and Brazil; Italian Production Ministry and AIMM, 2003; Poland, China, Brazil;
- 63) Team leader for training courses held at the Rodriguez di Tepexi Technical Institute and in quarries for the quarry-school project in Mexico; State of Puebla and ICE, July 2003; Mexico;
- 64) Speaker at the technological seminar held in northern Mexico on extracting and working natural stones; Torreon, July 2003; Mexico;

- 65) Speaker at technological seminars held in Vietnam on extracting and working natural stones; Ho Chi Minh City, March 2004; Vietnam;
- 66) Speaker at technological seminars held in Malaysia on extracting and working natural stones; Kuala Lumpur, March 2004; Malaysia;
- 67) Speaker at technological seminars held in Pakistan on extracting and working natural stones; Karachi, April 2004; Pakistan;
- 68) Speaker at technological seminars held in India on extracting and working natural stones; Udaipur, April 2004; India
- 69) Team leader for the project to create a university-level stone-trade school in Indonesia, Bandung Technological University; Italian Production Ministry and AIMM, 2004, Indonesia;
- 70) Speaker at technological seminars in Romania on extracting and working natural stones; Budapest, May 2004; Hungary;
- 71) Speaker at technological seminars held in Poland on extracting working natural stones; Wroclaw, May 2004; Poland;
- 72) Team leader for the project to create a stone-trade school in Slovakia, LEVICE Superior Technical Institute (SOU); Italian Production Ministry and AIMM, 2004;
- 73) Docent for training courses in Italy for African architects, in cooperation with the CDE/Brussels, ICE, AIMM and Verona Fair and aimed at promoting work and design techniques for Italian ornamental rocks; Verona, October 2004; Italy;
- 74) Docent and project manager for training courses in Italy for CSI country operators, promoting monument restoration techniques and held in cooperation with the Veneto Region and ICE; Venice and Verona, December 2004; Italy;
- 75) Speaker at technological seminars in Indonesia on extracting and working natural stones; Makassar, March 2005, Indonesia;
- 76) Speaker at technological seminars in Vietnam on extracting and working natural stones; Ho Chi Minh City, March 2005; Vietnam;
- 77) Speaker at technological seminars in Ukraine on extracting and working natural stones; Kiev, April 2005; Ukraine;
- 78) Speaker at technological seminars in Romania on extracting and working natural stones; Bucharest, April 2005; Romania;
- 79) Team leader for the project to create a stone-trade school in Argentina, city of La Plata; Italian Production Ministry and AIMM, 2005;
- 80) Team leader for the project to create a quarryman's school in Argentina, Patagonia, Chos Malal; Italian Production Ministry and AIMM, 2005;
- 81) Team leader for the project to create a quarryman's school in Thailand, Bangkok; Italian Production Ministry and AIMM, 2005;
- 82) Speaker at technological seminars in Peru on extracting and working natural stones; Lima, June 2005; Peru;
- 83) Speaker at technological seminars in Brazil on extracting and working natural stones; San Bernardo do Campo, June 2005; Brazil;
- 84) Team leader and docent for the project "La Ruta del Marmol" (CAPYME, ALINVEST of the EC) to create a quarryman's school in the Andes to benefit Chilean and Argentine operators; January-November 2005; Chile and Argentina;
- 85) Lessons on ornamental rock extraction technologies given at Naples University for geology students, Earth Sciences Department; May-June 2005, Naples; Italy;
- 86) Team leader for technical surveys on stone production in Pakistan; ICE and the Italian Consulate in Karachi – SMEDA, May-June 2005; Pakistan;
- 87) Team leader for technical surveys on stone production in Syria; ICE and the Syrian Mining Ministry; May-June 2005; Syria;
- 88) Speaker during the conference: "Latin America: educational work to benefit the stone sector", Marmomacc, Verona, October 2005; Italy;
- 89) Team leader for the applied research project on using the diamond-wire to cut white Rajasthan dolomite; Udaipur; Italian Production Ministry, Assomarmomacchine and the Maharana Udaipur Engineering University; May to December 2005; India;
- 90) Three-time speaker at the "Global Stone Forum" in Jaipur: "Diamond-wire Cutting Technologies for Marble", "Organic Stone Architecture", "Stone Cladding Technology"; UNIDO and CDE; Jaipur, December 2005; India;
- 91) Docent and project manager for training courses in Italy for Russian, South American, Indian, Gulf nation and Canadian operators on monument restoration techniques, in cooperation with Assorestauro, ICE, the International Restoration Expo; Turin, Milan, Ravenna, Ferrara, Vicenza, March 2006; Italy;

- 92) Curator of the exhibit of Italian technologies for restoring artistic, architectural and archeological assets; Ferrara, International Restoration Expo; Assorestauro; March 2006, Italy;
- 93) Curator of the Italian stone exhibit in the U.S., "Italian Marble"; Italian Marmomacchine Association and ICE; Orlando (Coverings), April 2006; USA;
- 94) Curator of the Italian stone exhibit in the U.S., "Italian Marble"; Italian Marmomacchine Association and ICE; Los Angeles, AIA Convention, June 2006; USA;
- 95) Speaker at technological seminars in Colombia on extracting and working natural stones; Bogotá, September 2006; Colombia;
- 96) Speaker at technological seminars in Venezuela on extracting and working natural stones; Caracas, September 2006; Venezuela;
- 97) Docent and project manager for training courses in Italy on techniques for designing, installing and using Italian stones, addressed to foreign architects and in cooperation with ICE, Assomarmomacchine, CDE/EC and Verona Fair; Verona, Vicenza, Ravenna, Botticino, Trento, Grezzana, Lessinia, October 2006; Italy;
- 98) Docent at the seminar held in Verona during Marmomacc in cooperation with ICE, AIA, Assomarmomacchine, CDE/EC and Verona Fair, for foreign architects and concerned with "technologies for designing and testing ventilated facades in natural stone"; Verona, Marmomacc 2006, October 2006; Italy;
- 99) Curator of the Italian Marble exhibit in Russia, in cooperation with ICE and seven Italian regions; Moscow, Manege, October 2005; Russia;
- 100) Curator of the Italian Marble exhibit in the USA in cooperation with the Italian Assomarmomacchine Association and ICE; Las Vegas, Stonexpo, November 2006, USA;
- 101) Team leader and docent for technological seminars held at the worksite for the Peter I door in Kikerno dolomite inside the Peter and Paul Fortress in St. Petersburg, held to promote monument restoration techniques among Russian operators, architects and restorers; St. Petersburg; ICE, KGHIOF, Assorestauro, Federchimica; February to November 2006; Russia;
- 102) Team leader and docent for the technological seminars held at the Alexander Nievski Museum in St. Petersburg to promote techniques for cleaning and artistically restoring sculpture in white Carrara marble, addressed to Russian operators and restorers; St. Petersburg; ICE, KGHIOF, Assorestauro, Federchimica; February to November 2006; Russia;
- 103) Team leader for the Italian-Egyptian "Eco-Geomatics" project on designing and planning natural stone quarries using virtual reality and eco-technologies; ICE, Egyptian Ministry of Industry, etc.; from November 2006; Egypt;
- 104) Speaker at technological seminars in Brazil on reusing stone waste and eco-technologies for extracting and working natural stones; Cachoeiro and Porto Alegre; Naples University, UFRGS, SENAI of Cachoeiro, ICE and Assomarmomacchine; November 2006; Brazil;
- 105) Team leader for the applied research project on cutting Chilean lapis-lazuli with diamond-wire technologies; Santiago; Italian International Commerce Ministry, Assomarmomacchine and Las Flores de les Andes; December 2006, Chile;
- 106) Team leader for the applied research project on cutting Egyptian limestone with chain-saw technologies; Sheik Fadi; Italian International Commerce Ministry, Assomarmomacchine, MGTC and the Egyptian Ministry of Industry; December 2006, Egypt;
- 107) Team leader for the applied research project on technologies for polishing Ukrainian granites and gabbros; Kiev; Italian International Commerce Ministry, Assomarmomacchine and Kiev University; December 2006; Ukraine;
- 108) Team leader and curator of the stereoscopic exhibit on excellence in extracting Italian ornamental rocks; shown in various countries (USA, Italy, Dubai, etc.); Italian International Commerce Ministry and Assomarmomacchine; January to December 2006; various countries;
- 109) Speaker at technological seminars in Thailand on extracting and working natural stones; Bangkok, February 2007; Thailand;
- 110) Scientific coordinator and co-speaker at the "Eco-Geomatics" seminar on sustainability for the Egyptian stone sector, March 11, 2007, Cairo, Egypt;
- 111) Team leader for the itinerant (Milan, Vicenza, Ferrara, Venice, Florence, Ravenna) training course in Italy for 60 foreign architects and restorers on stone conservation and restoration; March 2007, Italy.

- 112) Speaker at technological seminars in Egypt (Cairo), Vietnam (Danang) and India (Udaipur and Bangalore) on extracting and working natural stones; November 2007;
- 113) Speaker at technological seminars in Jordan (Amman) on extracting and working natural stones; December 2007;
- 114) Team leader and speaker for the training center in Argentina "Quarry-school of San Juan" – September/November 2007
- 115) Team leader for the itinerant (Milan, Turin, Val d'Ossola, Brescia, Vicenza, Verona) training course in Italy for 20 foreign technicians on stone technologies; October 2008, Italy.
- 116) Team leader for the itinerant (Trento, Brescia, Vicenza, Verona) training course in Italy for 15 African technicians on stone technologies; October 2008, Italy.
- 117) Team leader for the itinerant (Milan, Vicenza, Ferrara, Venice, Florence, Ravenna) training course in Italy for 45 foreign architects and restorers on stone conservation and restoration; March 2008, Italy.
- 118) Team leader for the project of the promotion of the Italia marbles during Coverings 2008; April 2008, Italy.
- 119) Team leader for the itinerant (Tivoli, Vitorchiano, Bolsena, Carrara, Firenzuola) training course in Italy for 20 foreign technicians on stone quarrying and processing; May 2008, Italy.
- 120) Team leader for the TVET project of UE in Egypt: Technical and Vocational Education and Training – Reform of National Educational System; 2008-09, Egypt.
- 121) Speaker and team leader for the technical training courses in Santiago of Chile and San Juan of Argentina, September 2008;
- 122) Team leader for the itinerant (Milano, Valdossola, Luserna, Vico, Verona, Vicenza) training course in Italy for 20 foreign technicians on stone quarrying and processing and restoration; October 2008, Italy.
- 123) Speaker for the seminar on Italian advanced technologies in Johannesburg – South Africa, October 2008;
- 124) Speaker for the seminar on Italian advanced technologies in Teheran and Isfahan – Iran, October 2008;
- 125) Team leader for the research project on Stone Industry Italian Technologies in India (certification of the technical performances), March 2009;
- 126) Technical Supervisor and Curator of the Italian stone exhibit in the U.S., "Italian Marble"; Italian Marmomacchine Association and ICE; Chicago, Coverings 2009; USA;
- 127) Team Leader for the "data-base" of ICE on Italian Marble, Italy – March-April 2009;
- 128) Italian Team Leader of the technical assistance unit in Egypt for the Stone Industry (MQTC-IS.I.M. partnership), 2009-10-11;
- 129) Speaker for the seminar on Italian advanced technologies in Sydney and Adelaide – Australia, August/September 2009;
- 130) Team leader for researching and testing (in lab) on Australian stones, July 2009;
- 131) Speaker for the seminar on Italian advanced technologies in Karelia/Russia and Kiev/Ukraine , October 2009;
- 132) Team leader for researching and testing (in lab) on stones of Karelia and from Ukraine, September 2009;
- 133) Team leader and teacher for the itinerant (Brescia, Trento, Verona, Vicenza) training course in Italy for 15 foreign architects on stone design and processing and on Italian marbles/stones; ICE and Verona Fair, October 2009, Italy.
- 134) Technical chief consultant and project manager of BADR PLANT for SINAI MARBLE; the biggest marble factory in Africa, Cairo, Egypt, 2009-2010
- 135) Team leader for development project of Travertine in Junin Region, March 2010, Huancayo, Perú
- 136) Teacher and team leader for development project on basalt of Colina, CORFO, Santiago de Chile, 2010
- 137) Scientific coordinator of the research project of Italian technologies and testing equipments applied to Indian stones, ICE, University of Udaipur, Universities of Naples and Milan, Minister of Mines of India, AIGSA, Assomarmomacchine, India, Udaipur-Jaipur-Katni-Bangalore- Madras-Ongole, June 2009-October 2010,

- 138) Speaker on “surface treatments of natural stones conference” for America (AIA) and international architects during MARMOMACC FAIR 2010, Verona Fair, Verona, Italy, September 2010;
- 139) Speaker in the scientific seminars on the above research project, Bangalore and Madras, India, October 2010;
- 140) Speaker in the technical seminar of Italian machines and plants, ICE, Teheran, Iran, November 2010;
- 141) Speaker in the technical seminar of Italian machines and plants, ICE, Bangkok, Thailand, November 2010;
- 142) Technical chief consultant for marble processing plant of NITCO, Silvassa, India – November 2010
- 143) Scientific tests and resins application tests of natural stones from Iran, Thailand, Ecuador, Zimbabwe and Chile with University of Naples – Earth Sciences Department, October-November 2010/Jan 2011;
- 144) Speaker of the seminar in Mexico on quarrying and processing local marbles and stones with practical training in a processing plant, Puebla Governemant and ICE- May 2011 – Puebla - MEXICO;
- 145) Expert for TVET PROJECT (Reform of Education System)– Ministry of Industry of EGYPT, Cairo, April/May 2011, EGYPT;
- 146) Speaker and docent of trainign section in Perú (University of Alas Peruana) marble technologies for local travertine - November 2011 – Huancayo – PERU’
- 147) Team leader of the research group on concrete with volumetric stability – for Chimica Edile and DST/UNINA – Italy 2011;
- 148) Docent in the training course of “SERVICIO GEOLOGICO MEXICANO” (SGM) on dimensional stone – August 2012;
- 149) Project manager for the technical marble center of Italy in Herat, Afghanistan – Oct/Nov 2012;
- 150) Training course during Marmomacc 2013 in Verona for ICE, Confindustria Marmomacchine, Verona Fair and Unido. Italy 2013
- 151) Technical advisor of Palestine Stone and Marble Center of Hebron for UNIDO and in cooperation with VERONA FAIR, 2013-2014;
- 152) Technical operative chief for blue granite quarry and training center near Islamabad, Pakistan, 2014;
- 153) Technical operative chief for cream limestone quarry and training center in Myanmar and in cooperation with Italian Embassy in Yangon and Myanmar Mine Minister, Myanmar, 2013-14;
- 154) Technical operative chief for white marble quarry and training center in Yunnan and in cooperation with Pingbian Municipality, China, 2013-14;
- 155) Speaker on “surface treatments of natural stones conference” during VITORIA STONE FAIR 2014, Brazil, , February 2014;
- 156) Training curses during Verona Fair, MARMOMACC 2014; September, Verona Fair, Verona, Italy
- 157) Speaker with LECTIO MAGISTRALIS on Italian latest technologies during FORO PETREO, SAN LUIS POTOSI, Mexico, November 2014;
- 158) Project manager for the technical marble center of Italy in Pemba, Mozambique – 2014-15;
- 159) Speaker on “geo physical tests and investigation in limestone quarries of Palestine and interpolation data with coring and lab tests, UNIDO +PPU, Hebron, Palestine , December 2014;
- 160) Speaker on “stone waste recycling into new building materials: adhesives, plasters, light weight cellular cement, waterproof membranes, self leveling layers, industrial floor” UNIDO +PPU, Hebron, Palestine , December 2014;
- 161) Training curses during Verona Fair, MARMOMACC 2015; September, Verona Fair, Verona, Italy
- 162) Training curses during Verona Fair, MARMOTECH 2016; May, Carrara Fair, Carrara, Italy
- 163) Speaker and instructor in Regional Stone Center and School in Sicaya,Junin Region, Universidad Continental, Peru, September 2016;
- 164) Training curses during Verona Fair, MARMOMACC 2016; September, Verona Fair, Verona, Italy
- 165) Speaker and instructor at Palestine Stone and Marble Center in Hebron, Palestine, November 2016:

List of scientific publications and books

- 166) "The Sliding Break-Plane Criterion" – B. Calderoni, P. Marone, M. Pagano – "The state-of-the-art in Italy in masonry mechanics" - Oct. 14/15, 1985, CNR, Rome.
- 167) "Proposal for Seismic Standards for Masonry Buildings" – B. Calderoni, P. Marone, M. Pagano – "Bradyseismics and connected phenomena" – Naples University and Campagna Region Convention, Jan, 19/20, 1987, Naples.
- 168) "Static Test Models for Masonry Buildings in Seismic Zones" – B. Calderoni, P. Marone, M. Pagano - Bradyseismics and connected phenomena" – Naples University and Campagna Region Convention, Jan, 19/20, 1987, Naples.
- 169) "Laboratory Experiments on Small-Scale Models of Masonry Buildings" – B. Calderoni, P. Marone, M. Pagano – "Seismic Engineering in Italy" – 4th National Convention, Oct. 4/5/6, 1989, Milan.
- 170) *Quarrying Technology: Drilling and Splitting*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 171) *Quarrying Technology; Diamond Wire Cutting*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 172) *Quarrying Technology: Chain/Belt Saw*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 173) *Processing Technology: CNC Profiling/Contouring*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 174) *Processing Technology: Manual Profiling/Contouring*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 175) *Processing Technology: Floors/Stairs Grinding/Polishing*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 176) *Installation technology: Adhesives Installation*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 177) *Installation Technology: Cladding Installation with Anchors*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 178) *Restoration Technology: Stone Cleaning*, technological manual written in the context of the MAP-AIMM agreement, year 1, December 2002.
- 179) *Botticino Marble*, first edition May 2001; second edition May 2002, ISIM.
- 180) *Ornamental Stones of Sicily*, November 2002, ISIM.
- 181) *Business Plan Methodology for marble quarries and granite quarries*, November 2004;
- 182) *Business Plan Methodology for marble processing plants and for granite processing plants*, November 2005;
- 183) *Italian Ornamental Stones*, December 2005, ISIM.
- 184) Editor of the *Italian Marble Library*, June 2006, ISIM.
- 185) *Italian Eco-Technologies for a Sustainable Stone Industry*, October 2006, ISIM.
- 186) Editor of the catalogue for the exhibit of "Italian Marbles" in Russia, Moscow, October 2006, ICE.
- 187) "*Il restauro della Porta di Pietro I a San Pietroburgo*" – De Lettera Edizioni, 2007 - Assorestaurato.
- 188) Manual on dimensional stone quarrying, processing and installation TVET project: *Technical and Vocational Education and Training – Reform of National Educational System in Egypt*, 2008-09;
- 189) Manual on *chemical treatments on stone slabs and strips*, Ministry of Economical Development and Assomarmomacchine, Italy 2010
- 190) Research project and test certification on "*Indian Natural Stones processed by Italian Advanced Technologies*", October 2010, ICE DELHI, India, with prof. S.S. Rathore and prof. S.C. Jain.
- 191) MIX DESIGN FOR AN ADVANCED CONCRETE WITH VOLUMETRIC STABILITY (NEW GENERATION OF EXPANSIVE CEMENT "DRY D1" with long action). De Gennaro, Cappelletti, D'Amore, Felitti, Marone. 2012 – DST – UNINA.
- 192) NEW LIGHT WEIGHT CONCRETE using stone powder waste, CHIMICA EDILE + BUNKER, 2013, M. D'Amore, P. Marone and others.

Periodically he writes technical and informational articles or interviews for leading magazines in the construction sector and collaborates on the annual stone sector report published by Assomarmomacchine and other international editors.

Scientific, specialist and institutional work done for universities, national institutes and sector organizations

- 193) Research contracts with the Naples Engineering Faculty's Construction Techniques Institute. Scientific research from 1986 to 1989, testing calculation models for masonry buildings in seismic zones.
- 194) Member of the VI-F work team headed by Prof. M. Pagano in the context of the Naples University – Campagna Region agreement for “Bradiseismics and connected phenomena” since 1987, to study technical standards for buildings in bradyseismic zones.
- 195) Research contract with the CESUN – Naples University Building Studies Center, directed by Prof. Arch. Virginia Gangemi – Final draft of a monograph titled: “Design of an Information System for Restoring Masonry Buildings” – Static sector – Naples, 1988.
- 196) External consultant on the CNR's Finalized Building Project titled: “Methods and Tools to Check Economic Congruity in Restoration”, 1988-1989.
- 197) Co-supervisor of a number of degree theses concerning masonry buildings and stone manufactures at the Naples Engineering Faculty on behalf of Prof. Eng. Michele Pagano – Construction Techniques Institute, Chair in Construction Technique Complements, 1985-1989.
- 198) Since 1996, continuous contract as General Director of the International Marble Institute (ISIM), headquartered in Via Cenisio 49, Milan.
- 199) From 1995 to 1998 a member of the board of IDIMER, Studies Institute for Promoting Business and Economics in the Southern Italian regions, with headquarters at the Naples Chamber of Commerce.
- 200) Technical consultant to the Italian Trade Commission (ICE) in Rome and to the Italian Production Ministry, now the International Commerce Ministry.
- 201) Has participated and participates as an Italian sector expert in European Commission and EU projects in the field of technical assistance to stone-sector companies.
- 202) From 1998 to 2000 was a member of the EU TC246 Work Committee issuing European standards for natural stones, whose general secretariat is at UNI offices in Milan and whose president is Prof. Angelica Frisa Morandini of Turin University.
- 203) In 2001 was appointed board member in charge of the educational and research branch of the Italian Marmomacchine Association, with headquarters in Via Cenisio 49, Milan.
- 204) Was a member of research teams involved with the reuse of stone waste, headed by Prof. Maurizio de Gennaro of the Earth Sciences Department of Federico II University of Naples, 2005-2006.
- 205) Was the team leader and member of a research team involved in laboratory tests on Egyptian stones at the Structural Engineering Department of Milan University, 2005-2006.
- 206) Was a member of the research team involved with stone-waste reuse, headed by Prof. Carlo Sampaio at the Federal University of Rio Grande do Sul-Porto Alegre, 2005-2006.
- 207) Was team leader for the third EBIS project financed by Eurochambres to benefit the Egyptian stone industry, 2004-2005.
- 208) Was the director of the Italian Association for Architectural, Archeological and Artistic Restoration from December 2005 to 2008.
- 209) Was vice-president and a founder of the Cities of Stone Association, headquartered in Verona, October 2006-2007.
- 210) Team leader for research project with CETEM of Ministry of Research of Brasil for stone waste recycling 2014.

Initial career involvements as assistant of Professor Eng. M. Pagano

- 211) Overhauling the central Naples funicular – ATAN 1988 – Civil works.
- 212) Making anti-seismic improvements to and renovating Parker's Hotel, Corso Vittorio Emanuele, Naples, 1985-1989.
- 213) Anti-seismic work on the monumental building destined for the Campagna commune (Salerno) Town Hall, 1985.
- 214) Making anti-seismic improvements to and renovating the S. Felice a Cancellò (Caserta) Town Hall, 1988.

Most representative structural design commissions

- 215) Design for the reinforced concrete structures of the Capua (Caserta) sewer system, 1988.
- 216) Executive design and work supervision for the Com Cook industrial complex in the commune of Calabritto, loc. Quaglietta (Avellino), 1991.
- 217) Structural design for the sports center being built in the Casagiove (Caserta), 1988-1998.
- 218) Structural design for static recoup of the Church of S. Giorgio Martire in S. Giorgio a Liri (Latina), 1988. Lazio Public Works Board, Rome.
- 219) Design and work supervision for the static reclamation and consolidation of the building in Via C. Poerio 92, Naples (owned by Ayala), 1999.
- 220) Design and work supervision for the Quality Food industrial complex in the ASI industrial district of Caivano (Naples), 1991.
- 221) Structural design for static reclamation of the Church of S. Maria di Tufo (Avellino), 1991.
- 222) Structural design for the static reclamation of the Church of S. Maria delle Grazie in the Guardia dei Lombardi commune (Avellino), 1991.
- 223) Design of the reinforced concrete structures for the test circuit of the "People Mover" vehicle for Ansaldo headquarters in Naples, 1992.
- 224) Structural and architectural design and work supervision of renovations to the Ville del Sole Nursing Home and Clinic, Via Manzoni, Naples, 1989-2000.
- 225) Structural design for reconstruction of a building that collapsed due to an explosion and co-supervision of work – Villa Livia, Via Napoli 119bis, Pozzuoli, 1991-92.
- 226) Architectural design for enlargement of the Corso Malta exit of the Naples "Tangenziale" (by-pass road), 1993.
- 227) Structural design of the Vicenza Stone cladding on Villa Abdullah in Kuwait City, 1995, on behalf of Margraf spa, Marzotto Group.
- 228) Design and work supervision for repairing and updating the buildings, testing pools and installations of the Cantieri del Mediterraneo S.p.A. yacht-builders, 1995-1999.
- 229) Design and work supervision for repairing and updating of the buildings, testing pools and installations of Bacini Napoletani S.p.A., 1995-1999.
- 230) Structural executive design for travertine cladding and worksite supervision of modernization of the Naples headquarters of the Banca Nazionale del Lavoro S.p.A., Via Toledo, Via Diaz, Naples, 1994-1997.
- 231) Preliminary design for a company cafeteria for Tangenziale di Napoli (Fuorigrotta), 1995.
- 232) Executive design for façade repairs and new stone cladding on the ENI Building, headquarters of ENI-SNAM, P.le Mattei, EUR, Rome, 1996.
- 233) Executive design for the travertine cladding on the REDIT building and Holiday Inn in the Naples business district, 1993.
- 234) Executive design for *beola* cladding on a building at the new Como University site, 1997.
- 235) Executive design for travertine cladding on Palazzina Estraba in Bagni di Tivoli (Rome), 1996.
- 236) Executive design for Pietra Santafiore cladding on the Naples branch of the Monte dei Paschi di Siena bank, 1994.
- 237) Executive design for black granite cladding on the Banco di Napoli Tower in the Naples business district, 1995.
- 238) Executive design for pink sandstone cladding on the German Language Institute in Brunico (Bolzano), 1997.
- 239) Executive design for porphyry cladding at Campobasso University, 1996.
- 240) Executive design for travertine cladding on the Chieti University Medical School, 1996.
- 241) Design for repairing and anti-seismic improvements to the reinforced concrete building owned by Tangenziale di Napoli in Piazza Ottocalli, 1997.
- 242) Design for protections for the Arenella and Vomero tunnels and turn-off on behalf of Tangenziale di Napoli, 1999.
- 243) Structural design of reinforced concrete manufactures and sub-services for railroad crossings at the Campano di Nola Interport – Pontistrade S.p.A., 1999.
- 244) Structural design for updates to the new Palazzo Pirelli Auditorium, Lombardy Region, 2000.
- 245) Structural design for works of static consolidation and overhauls of reinforced concrete floors at the Torre delle Nazioni, Mostra d'Oltremare, Naples, 1999 and then travertine covering of Arena Flegrea – Mostra d'Oltremare – Naples.
- 246) Structural design for cladding on the multipurpose Vatican complex (SAT2000) near the Via Aurelia, on behalf of Torredil S.p.A., Rome, 1998-1999.
- 247) Structural design of scaffolding inside the Campano di Nola Interport warehouses – Lot C2 – Nola Commune, Di Piu Di Ambiente S.p.A., 2000.
- 248) Executive design of buffer works and completion of the building in Piazza Ottocalli owned by Tangenziale di Napoli, 2000.
- 249) Design for Blu S.p.A. mobile phone stations along the Naples by-pass road, cities of Naples and Pozzuoli, 2000.

- 250) Design of works in completion of the OLSA INFORMATICA S.p.A industrial complex, Ardea (Rome), 1999-2000.
- 251) Design for works of static reinforcement on the F.lli Campanile plant, Arzano (Naples), 2000.
- 252) Design and work supervision for reclamation of a reinforced concrete bunker at the Clinica Mediterranea in Naples, 2000.
- 253) Design for 12 mobile phone stations for BLU S.p.A., Naples, 2002.
- 254) Design for upgrading protections on the Arenella-Vomero stretch of the Naples by-pass road, 2002.
- 255) Design of industrial buildings inside the Campano di Napoli Interport for Progetti Europa & Global, 2002.
- 256) Design for renovating the Villa Belato buildings on behalf of Tangenziale di Napoli, 2002.
- 257) Design for the reinforced concrete structures of the Procida purifying plant on behalf of Di Piu di Ambiente, 2003.
- 258) Design for the reinforced concrete structures of the Ischia Port purifying plant on behalf of Di Piu di Ambiente, 2003.
- 259) Structural and architectural design of lots A, C, D, H and O of the Nola Interport – over 120,000 sq m of industrial warehouses, bridges and roads – INTERPORTO Campano di Nola (Interport), from 2004 to 2007.
- 260) Structural and architectural updating of the logistics platform – Lot H, warehouses A and B – inside the Campano Nola Interport, 2005-2007.
- 261) General Design and business plan for the Italian industrial stone district in Xiamen, China – Xian An area – Assomarmomacchine, 2006.
- 262) Preliminary design for the Ruchi Group of Madhya Pradesh (India) a marble and granite processing plants, India, 2007 .
- 263) Structural design of granite cladding and stain-steel anchorage system of Banyan Park - Andheri, Mumbai, India, 2008
- 264) Structural design of reinforced concrete structure of an underground parking building, via Flacco, Salerno, Italy, 2009;
- 265) General and final design of the granite processing plant in Zimbabwe, for NATIONAL GRANITE Ltd, 2009 (note: the biggest plant in Zimbabwe)
- 266) General design of the marble processing plant in Egypt (Badr), for SINAI INTERNATIONAL GROUP, 2009 (note: the biggest marble processing plant in Egypt)
- 267) Structural design project and work supervision for the restoration of an existing multi-service building in ANSALDO industrial plant in Naples, Ansaldo Breda, Naples, Italy, 2010;
- 268) Executive structural and landscape design of the project of restoration and requalification of an old marble quarry in “Amalfi-Vietri” heritage area – CAPO D'ORSO QUARRY – Municipality of Maiori (SA) and Euroservice (SA) – Italy, 2010.
- 269) Executive structural design of cantilever wall for slading of the soil in Tengana area – cava dei Tirreni (SA) – Italy, 2011.
- 270) Executive structural restoration design of S. Maria delle Grazie – Nocera Inferiore Diocesi (SA) – Italy, 2012;
- 271) Granite and Travertine Cladding – Metro Station – Arco Mirelli - Napoli - Italy, 2013
- 272) Town house in Chealsee – Stone cladding and marble floors – New York – USA – 2014
- 273) Reinforced concrete bunker for nuclear medicine center, Via Taverna Rossa, Napoli, 2015
- 274) Solar energy plant (320 moduls) and steel structure – Casavatore – Napoli – Italy, 2016
- 275) Restoration of Stone “stele” of Porto Salvo, Napoli – Italy 2016

Italy, 2016

Eng. Paolo Marone