

Personal information

First name / Surname Pietro Giovannoli

Work experiences

1 Actual employment - Manufacturing engineer, product performance analyst and vibro-acoustic mathematical models specialist

Main activities:

- I worked for UK (for **Audi, Bentley, Jaguar**, aerospace company), Singapore (**Bureau Veritas**), Turkey (**Ford**), USA (**Chrysler**), Italy (Turin, Modena, Cassino, Melfi for **FCA Group**; Florence for **GE Oil&Gas**; Sant'Agata for **Lamborghini**), Spain (for **Seat, Gestamp**)
- From June 2013 I worked for integrate the Virtual Reality inside the **FIAT manufacturing**. I worked in the manufacturing area: DMU, serviceability, ergonomics, visibility, reachability, assembly tools, typical issues of an automotive plant.
- From June 2014 I'm worked in Modena at the **Maserati Corse** plant.
I supported the engineering team in developing the new models and checking the criticalities of the model during the assembly process and following the manufacturing car process until the plant.
- I've followed a student of the University of Rome (as external supervisor) in developing his thesis in "Cost impact and management in an automotive process development" for University of Rome "La Sapienza".
- Starting from July 2015 I followed **GE Oil & Gas** in Florence as manufacturing expert in using a VR software.
I have been supplier for Engineering, Manufacturing, Technical Training Academy, Customer Training, Auxiliary, Packaging...
- I studied the assembly and disassembly process of machine or a system in order to make possible (feasible) the assembly/disassembly sequence for manufacturing and for a field worker.
- From March 2017 I worked as supplier for **Seat** (in Spain), **Renault** (France), **Gestamp** for DMU and Manufacturing purposes
- From November 2017 I'm working in **Lamborghini** plant as DMU, VR, Manufacturing specialist: product analyst, process specialist, serviceability, ergonomics, visibility, reachability, assembly tools.

Name of employer: **ESI Italia s.r.l.** - Viale Angelo Masini, 36 – 40126 Bologna (BO) - part of **ESI-Group**

Type of sector: Industry software house and engineering services provider

Date (from): 14/3/2011 to present

2 - Mechanical engineer and product designer (technical co-worker of TechnoRadon staff)

Main activities:

- Project manager of radon-thoron measurement devices. I followed all the line of the product: from the concept until the production site. I had to check all the mechanical machines that produce the device in order to check the final quality of the product.

Main working site: Rome, Anguillara, Bologna

Name of employer: **TechnoRadon s.r.l.** - Via Romeo Rodriguez Pereira, 205 – 00136 Roma

Type of sector: Radon-thoron measurement services provider

Date: from 19/2/2007 to 27/1/2011

Articles published

1 - A new passive radon-thoron discriminative measurement system

Published: Radiation Protection Dosimetry 2010 141: 462-467

2 - Monitoraggio dell'esposizione al radon negli ambienti di lavoro

Published: Comunicazione convegno AIRM-AIRP -Paestum 29-30 /4/2008

3 - La misura della concentrazione del radon e del toron

Published: Tutto_Misure - Rivista delle misure e del controllo di qualità - Anno XIV n° 01 - 2012

4 - Monitoraggio del radon negli stabilimenti termali con l'applicazione del dosimetro ENEA ad esposizione controllata

Published: XXV Congresso Nazionale di Radioprotezione - Ottobre 2012 Venezia

5 - Dosimetro radon integratore passivo a tracce dual-prem a doppio rivelatore sviluppato dall'ENEA

Published: AIRP – Convegno Nazionale di Radioprotezione - Ottobre 2011

6 - Misura della concentrazione del radon e del toron con la tecnica dei rivelatori integratori passivi a Tracce

Published: VII Congresso "Metrologia & Qualità", Torino 13-15 Aprile 2011

7 - List of Authors in the "International Workshop on Environmental Thoron and Related Issues"

Proceedings of a Workshop held in Chiba, Japan - 19-22 May 2010

Education**1 Academical degree:** **Mechanic Engineering (Specialty in Machinery Construction)**

Date from: 17/12/2010

Name of institute: University of Rome "La Sapienza"

2 Master courses: I've attended a six months training in mechanics (basic and intermediate level) followed by senior technicians
"Laboratorio di Meccanica delle Vibrazioni"(Laboratory of Mechanics of Vibrations),
"Controllo delle Vibrazioni e del Rumore" (Vibration and Noise Control)
"Mathematical mechanical models – FEM BEM SEA"

Name of institute: University of Rome "La Sapienza"

3 High school diploma: **Scientific Lyceum school - leaving diploma**

Date from: 18/06/2004

Name of institute: Liceo Scientifico – Convitto Nazionale Vittorio Emanuele II - Roma

Mother tongue	Italian				
Other languages self-assessment	Comprehension		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	Advanced	Advanced	Advanced	Advanced	Advanced
French	Advanced	Advanced	Advanced	Advanced	Advanced

Social skills and competences

Ability to travel. Very good adaptability in different/special working conditions.
I adapt well to multi-cultural environments.
Excellent language and communication skills.

Organisational skills and competences

As senior technician of company I'm team leader of an advanced manufacturing team.
Ability in planning and organizing gained during my job.

Technical skills and competences

Extensive technical knowledge regarding the world of automotive, mechanics, oil & gas plants and industrial processes.

Computer skills and competences

High expertise of **Microsoft Office** suite, expertise with 2D & 3D modeling software, such as **CATIA**, **SolidEdge**, **SolidWorks**, **AutoCAD** and **NX**, expertise with FEM analysis software, such as **Ansys**, **Visual Environment (ESI-Group)** and **PAM CRASH**, good knowledge of mathematics analysis software, such as **Maple**, **Simulink** and **Matlab**. PLM software such as **TeamCenter (Siemens)**, **VisMockup**, expertise with **vibro-acoustic software (VAOne of ESI-Group)**, expertise with manufacturing and virtual reality software (**IC.IDO ESI-Group**)

Driving license Category:

A3, B

Hereby I authorize the treatment of my personal data pursuant to law 196/03