Curriculum vitae of

Dr. FRANCESCO MOLFETTA

European format for curriculum vitae

Personal Information

Name Molfetta Francesco

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E-mail. francesco.molfetta@gmail.com

Nationality. Italian

Date of birth. 25/11/1987

Work Experience

• **Date (from – to)**
Year 2017-2018
• **Name and address of employer**
Kear
• **Type of business or sector**
Innovation and expansion of the company (10 Kear-Point)

• **Date (from – to)**
Years 2016-2017
• **Name and address of employer**
Kear
• Type of business or sector
Development CNC 4,5,6 axis
Development robot arm

• **Date (from – to)**
Year 2015-2016
• **Name and address of employer**
Kear
• **Type of business or sector**
R&D DPL technology for 3D printer use (Texas Instruments)
Development of Electronic Ear
Design of in-ear headphones – Headphones for professional use
Development of hearing protection devices – Bluetooth – Induction Charging

• **Date (from – to)**
Year 2014-2015
• **Name and address of employer**
Kear
• **Type of business or sector**
Production and marketing

• **Date (from – to)**
Years 2012-2014
• **Name and address of employer**
Kear
• **Type of business or sector**
R&D in the audioprosthetic field

• **Date (from – to)**
Year 2012
• **Name and address of employer**
Foundation of Kear, Audiology and Hearing Aid company
• **Type of business or sector**
Technological innovation in the hearing aid field
• **Type of employment**
Design, implementation, management of acoustic devices
• **Main tasks and responsibilities**
Technical and Scientific Director of Kear

• **Date (from – to)**
From March 2010 To March 2012
• **Name and address of employer**
THI Total Healthcare Innovation GmbH.
• **Type of business or sector**
Technological innovation in orthopedics and traumatology
• **Type of employment**
CAD Design - Head of production and logistics
• **Main tasks and responsibilities**
Traumatology sector

Education and Training

• **Date (from – to)**
2011 – 2013
• **Name and type of education or training institute**
University of Genoa
Degree Course in Hearing Aid Techniques

Main subjects / professional skills studied
Applied biology, genetics, chemistry, biochemistry, applied physics, medical statistics, general anatomy, histology, specialist anatomy of the auditory system, physiology, general and specialist pathology, microbiology and applied microbiology, general surgery, general and applied hygiene, forensic medicine, occupational medicine, physical and rehabilitative medicine, diagnostic imaging and radiotherapy, applied medical technical sciences, internal medicine, business organization, medical genetics, medical oncology, audioprosthetic techniques, audiology, child neuropsychiatry, general psychology, developmental and educational psychology, general sociology.

Graduation Thesis: Tinnitus in hearing-impaired patients with hearing aids.

Preparation, design, manual or CAD-CAM production of HEARING PROSTHESES for all ages and types.

• **Date (from – to)**
2007 – 2010
• **Name and type of education or training institute**
University of Genoa
Degree Course in Orthopedic Techniques

Main subjects / professional skills studied
Applied biology, genetics, chemistry, biochemistry, applied physics, medical statistics, general anatomy, histology, specialist anatomy of the locomotor system, physiology, general and specialist pathology of the locomotor system, microbiology and applied microbiology, general surgery, general and applied hygiene, forensic medicine, occupational medicine, physical and rehabilitative medicine, diagnostic imaging and radiotherapy, applied medical technical sciences, internal medicine, business organization, medical genetics, medical oncology, rheumatology, plastic surgery, neurology, neurosurgery, skin and venereal diseases, child neuropsychiatry, general psychology, developmental and educational psychology, general sociology.

Preparation, design, manual or CAD-CAM production of devices, orthoses, or braces of the locomotor system for the therapeutic management of neuromotor system diseases.

Qualification obtained
Genoa 27/10/2010
110/110 Cum Laude – Thesis: “Plantar orthoses in childhood foot deformities”

• **Date (from – to)**
2009
• **Name and type of education or training institute**
Permanent Training Course for Technical-Commercial Operators in Healthcare
Qualification obtained
Genoa 05/05/2009

• **Date (from – to)**
2003-2007
• **Name and type of education or training institute**
Istituto Giovanni Lattanzio, Rome
Industrial Technical Expert specialization: electronics, computer science and telecommunications

Main subjects / professional skills studied
Mathematics, physics, statistics, electronics + laboratory, electrical engineering + laboratory, telecommunications + laboratory, programming systems + laboratory, TDP (technology design planning) + laboratory, computer science + laboratory, ECDL

Teaching

LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2014-2015
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2017-2018
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2018-2019
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2019-2020
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2020-2021
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2021-2022
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2022-2023
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2024-2025
LECTURER Teaching “CAD CAM Techniques in Orthopedic Techniques” BSc in Orthopedic Techniques – University of Genoa – a.y. 2025-2026

Congress Papers

1. 2nd Medical Meeting – Lecce 13-3-2011 - “Minor knee trauma: orthotic support”
2. International Congress – Turin 1-3 April 2011 - “Orthoses in childhood flatfoot”
3. 1st CIOTIS Lecce 25-27/11/ 2011 Orthopedic devices in vertebral fractures”
4. Conference on Osteoporosis Genoa 27-28 April 2012
5. 1st CIOTIS Congress - Lecce 11-12 May 2012
6. Update in osteoporosis therapy: Lecce 15 December 2012
7. 2nd Intern Congress CIOTIS – Lecce 29-30/11/2013 - Braces in arthropathies
8. Training Course “The Orthopedist in the Pediatric Clinic” – Taranto 17-5-2014
9. Update Course in Orthopedics & Rehabil – Ostuni 13-12-2014 – Foot biomechanics
10. Training Course “The Orthopedist in the Pediatric Clinic” – Taranto 28-2-2015
11. Training Course for Orthopedic Technicians – Turin - 7-8 November 2015
12. Regional Meeting UPDATES In Orthopedics And Rehabilitation – Ostuni 5-12-2015
13. Internat. Orthopedic Course CIOTIS – Osteoporosis – Lecce 19-20 February 2016
14. 60th National Congress SIGM – LOW BACK PAIN – Rome, 21-22 April 2016
15. National Congress Gis-Sigm – Motor Rehabilitation – Naples 12-13 May 2017
16. CROPO Conference – Genoa 2024

Publications

Molfetta F, Tombolini G, Molfetta L
Orthoses in childhood foot deformities - Med J Muscul Surveys 2011

Baldissarro E, G. Biggi, F. Molfetta
The orthosis of the spine in frailty vertebral fractures - Scienze Motorie, Ortopediche, Riabilitative 2013;61:64-68

Tasso AL, P. Castello, F. Molfetta, A. Arrighi

The treatment of scoliosis with Lionese brace: original approach - Scienze Motorie, Ortopediche, Riabilitative 2013;61:18-23

Molfetta F.
Postural balance and hearing system in the elderly: role of the Tinnitus syndrome - Med J Muscul Surveys 2013,21:44-47

Canepa M, Cevasco, Molfetta F.
The race of man: natural exercise, relational and sports - Scienze Motorie, Ortopediche, Riabilitative 2014;62:1-4

Molfetta L, Molfetta F.
Clinical risk management: the approach to adverse events - L'ORTOPEDICO TRAUMATOLOGO 2015;44:27-31

Sbragi A, Villani V, Molfetta F.
Lifestyle and movement coordination: a study on a sample of young people - Scienze Motorie, Ortopediche, Riabilitative, 2015

G. Molfetta, S. Vacchelli, F. Molfetta
Home automation, robotics and architectural barriers preventing falls in the elderly - Scienze Motorie, Ortopediche, Riabilitative, 2016:64:20-25

Muroni MR, Caramellino D, Molfetta F.
Burn-out in swimming during adolescence - Scienze Motorie, Ortopediche, Riabilitat. 2016;64:1-4

Di Gregorio R, Molfetta F, Boccini A.
Gymnastics for the Spine: a method to reduce ingesting drugs in muscular and skeletal pains
Scienze Motorie, Ortopediche, Riabilitative 2017;65

Casabella A, Seriolo C, Baldissaro E, Molfetta F.
Clinical and radiographic criteria for inferior legs etherometry evaluation - Scienze Motorie, Ortopediche, Riabilitative 2017;65

Mazzone D, Molfetta F.
The history of sport. Part 1 - SMOR 2017,65(3):43-45

D. Mazzone, F. Molfetta
The history of Sport. Part 2 - SMOR 2018;66:83-87

F. Molfetta, G. Tombolini, P. Castello, L. Molfetta
Pronator syndrome of the child's foot: orthotic insoles analysis - SMOR 2019;67:150-154

Mazzone D, Molfetta F.
History of Sport. Part 3 - SMOR 2020,68 (1),31-34

D. Mazzone, F. Molfetta
History of Sport. Part 4 - SMOR 2021;69:42-47

D. Mazzone, F. Molfetta
History of Sport. Part 5 - SMOR 2022;70:39-45

D. Mazzone, F. Molfetta
History of Sport. Part 6 - SMOR 2023;71:32-37

Rosini S, Rosini S, Molfetta F, Molfetta L.
Potential Application of Clodronate in Fibromyalgia - EC Orthopaedics 16.2 (2025): 01-06

Rosini S, Rosini S, Saviola G, Molfetta F, Molfetta Luigi
Netrin-1: A Complex New Player in Many Pathologies - EC Orthopaedics 16.1 (2025): 01-07

Limardo F, Molfetta F.
Postural set-up in tennis service: study in athletes at various performances
Scienze Motorie, Ortopediche, Riabilitative 2024;72:21-26

Rosini Sergio, Rosini Stefano, Molfetta Francesco, Luigi Molfetta.
The Fundamental Role of ATP: The Universal Energy Currency of the Cell - EC Endocrinology And Metabolic Research 7.1 (2025):01-06

Rosini S, Rosini S, Molfetta F, Florian A, Molfetta L.
Homeostatic Adjustments in Obesity: narrative review - EC Nutrition 20.1 (2025):01-05

Rosini S, Saviola G, Rosini S, Molfetta F, Molfetta L.
Luteolin: a New Opportunity in Joint and Bone diseases (2025, in press)

Rosini Sergio, Rosini Stefano, Molfetta F, Molfetta L.
NGF as an Immune System Regulator and in Osteoarticular Pain - EC Orthopedics 2025, (in press)

Rosini S, Rosini S, Molfetta F, Molfetta L.
The Secrets of Clodronate: An Old Drug with a New Soul - EC Orthopedic 2025, (in press)

Monographs

Molfetta F., Tombolini G.
Orthoses of the child's foot - Pacini Editore – Pisa, 2012

Mazzone D, Molfetta F.
Handbook of Sport History - Dynamicom Editore – Milan, 2016

Molfetta F, Ancora P, Molfetta L.
Tinnitus in hearing-impaired patients with hearing aids. Dynamicon Editore – Milan, 2017-09-29

Molfetta L, Molfetta F.
Pathologies of the locomotor system, Pacini Editore, 2017

Molfetta L, Molfetta F.
Orthopedic pathology in developmental age, Meipsum Ed. 2025

Molfetta F, Tombolini G., Molfetta L.
Pronator syndrome in developmental age and orthotic treatment, Meipsum Edizioni, 2025

Personal skills and competences

Acquired during life and career but not necessarily recognized by official certificates and diplomas.

Mother tongue
Italian

Other language
English
• Reading ability: good
• Writing ability: good
• Oral expression ability: good

Social skills and competences

Living and working with other people, in a multicultural environment, in positions where communication is important and in situations where teamwork is essential (e.g. culture and sport), etc.
3 years competitive swimming and water polo.
9 years competitive amateur football.
5 years competitive shooting with pistol (1st place Provincial, Regional, National).

Organisational skills and competences

E.g. coordination and administration of people, projects, budgets; at work, in volunteer activities (e.g. culture and sport), at home, etc.

Class representative in middle school.
Class and school representative in 2nd and 3rd year of high school.
Production Manager at THI (Klagenfurt).

Technical skills and competences

With computers, specific equipment, machinery, etc.

Knowledge of Windows operating system, web and Microsoft Office 100%
Motorcycle mechanics
Use of hand tools and machinery for processing wood, plastic, metal, carbon and synthetic materials for making orthopedic prostheses and more.
CAD Designer software: Pro-Engineer Creo element (Wildfire 5.0), Cinema 4D

Artistic skills and competences

Music, writing, drawing, etc.
10 years violin and solfeggio.
5 years electric bass.
3 years piano.

Other skills and competences

Skills not previously mentioned.

Driving licence

B Car.
(A1 Scooter 50cc, A Motorbike 125cc)

Further information
[Insert here any other relevant information, e.g. contacts, references, etc.]

Attachments
[If applicable, list attachments to the CV.]

Dr. Francesco MOLFETTA