



Carlo Tellini

Mechanical and Electrical Engineer

- Mechanical, Electrical and Electronic Designer.
- Expert in CE Marking, Electromagnetic Compatibility, Electrical Safety according to several Standards included Medical Electrical Equipment.
- Specialist in balances, thrust balances, electrical and optical strain gauge applications.
- Expert in force measurement from micro-Newton up to thousands of Newton.
- Expert designer of frictionless hinges and mechanisms.
- Expert in isolation signal amplifiers, isolation power supplies.
- Software and Data-Base designer.
- Quality Manager (ISO 9001 and SINAL testing laboratories).

Personal Information

place and date of birth
address
mobile phone number
e-mail address
nationality

Italian

Work Experience

from April 2023 to present

available for consulting

from 2007 to 2023

company: SITAEL S.p.A. (ex ALTA S.p.A.) via Gherardesca 5 – 56121 Pisa
sector: Aerospace

- mechanical and electronic designer.
- specialist in thrust balances in space environment for satellite thrusters.
- expert in plasma probes and electronic signal conditioners.
- expert in load cells, electrical and optical strain gauge applications.

from 2001 to 2007

company: SELENE S.r.l. - Via Vittime delle Foibe - 56012 Fornacette, Pisa
sector: industrial weighing instruments

- mechanical designer
- software designer for weighing instruments.
- company Data-Base designer
- quality manager for ISO9001 certification
- R&D responsible for weighing systems

from 2002 to 2003

company: DTA S.r.l. Via G. Cei 100 - 56021 Cascina –Pisa
sector: digital cameras for astronomical and scientific use

- camera and ancillary equipment designer

from 1998 to 2000

company: CETECO S.r.l. Via Cannizzaro, 2 - 56121 Pisa
sector: stair lifts and elevators for impair mobility person

- technical responsible for elevators sector

from 1993 to 1998	company: PROTECNO S.r.l. Via Gherardesca 5, 56121 Pisa sector: test laboratory – laboratory technical manager – CE mark testing technician: electromagnetic compatibility, electrical safety, environmental tests, software functional tests
from 1988 to 1993	COLISTAMPI S.d.f. via Oberdan 49 – 56010 Nodica sector: craft company for small series production by gravity casting process of epoxy and polyurethane resins – cofounder
from 1985 to 1993	PLANCC Elettronica S.r.l. – via Cannizzaro – Pisa sector: industrial weighing instruments and electronic cash register – mechanical designer – R&D manager for load cells and transducers
from 1983 to 1985	Military Service – Armed Forces Corps Officer – technical officer for tank testing, production and documentation

Education And Training

1982	Master's degree in Mechanical Engineering, Electronic Curriculum at University of Pisa
1982	Registered in the Professional Association of Engineers
1976	Graduated in piano at "L.Boccherini" Conservatory in Lucca.

Other Information

Publication	Becatti G., Pedrini D., Kasoji B., Giusti N., Pieri L., Tellini C., Andreussi T., Paganucci F., Andrenucci M. (2019), "Plasma plume diagnostics of a LaB6 hollow cathode with triple Langmuir probes", <i>Journal of Instrumentation</i> 14 , p. C08009. ISSN: 1748-0221. DOI: https://doi.org/10.1088/1748-0221/14/08/C08009
Hobby	Music, Photography, Radio Amateur Operator
Sport	Soccer, Swimming, Sailing

Personal Skills

foreign language	English B2 level
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Other Job-related Skills

digital skills	Office (Word, Access, Outlook, Excel), CAD 2D (Autocad, DraftSight), CAD 3D (ProE, Creo), programming languages (VisualBasic, LabView)
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