

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name MACHETTA PAOLA
Address V. Udine, 42; 34135, Trieste, Italy
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Nationality Italian
Date of birth 15.04.1975

WORK EXPERIENCE

- Dates (from – to) 2001 ÷ present day
- Name and address of employer Wärsilä Italia SpA
- Type of business or sector Lifecycle power solutions for the marine and energy markets
- Occupation or position held Manager, Investigation Laboratories (from Jan 2014 to present day).
- Main activities and responsibilities Develop activities of investigation, define strategies, increase knowledge, collaborate with R&D. Direct reports: the Team Managers of investigation laboratories in Trieste (IT), Turku (FI), Vaasa (FI). The function employs 18 investigators and delivers more than 400 investigation reports per year (damage examination of samples returned after operation, field testing of new solutions, validation of nuclear components and other examinations). The teams are dedicated to non destructive and destructive material testing, measurement, component analysis, in-situ and in lab major failure investigation, and have developed best practices for execution of third-party witnessed laboratory operations. Highly qualified technical reporting and communication are produced. Technical know-how is maintained at highest level within the specific field, with reference to overall internal knowledge and international standards. "Dirigente sicurezza" for the Experts organization of Technical Service in Trieste (May 2018).

Previous roles held in the same Technical Service department:
Component and measurement specialists Manager (2007-2014)
Global coordinator of Material Experts (2003-2007)
Material Expert (2001-2003)

WORK EXPERIENCE

- Dates (from – to) 1999 ÷ 2009, seasonal
- Name and address of employer University of Trieste, Engineering Faculty
- Type of business or sector Education
- Occupation or position held University professor
- Main activities and responsibilities Course modules held: Failure analysis, Metallurgy, Non destructive testing, Corrosion

EDUCATION AND TRAINING

- Date 2001
- Name and type of organisation providing education and training University of Trieste, Engineering Faculty
- Title of qualification awarded MSc in Materials Engineering (Laurea in Ingegneria dei Materiali)
- Level in national classification 110/110 cum laude

PERSONAL SKILLS
AND COMPETENCES

*Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.*

MOTHER TONGUE

Italian

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

English
Excellent
Excellent
Grade 11 Trinity Certificate of Spoken English

SOCIAL SKILLS
AND COMPETENCES

*Living and working with other people, in
multicultural environments, in positions
where communication is important and
situations where teamwork is essential
(for example culture and sports), etc.*

Able to develop teams potential and ensure targets are achieved according Company strategy.
Able to motivate by diversity management and public recognition of achievements.
Able to identify and resolve conflicts, to handle stress and crises situations in a controlled way in relation with the big picture.
Experienced in technical process development, root cause analysis with group thinking facilitation, multiple problem solving methods, using mistakes and successes for continuous improvement.
Capable to harness collective knowledge in international environment, to obtain co-creation, and to guide implicit best practices towards explicit process and structured way of working.

ORGANISATIONAL SKILLS
AND COMPETENCES

*Coordination and administration of
people, projects and budgets; at work, in
voluntary work (for example culture and
sports) and at home, etc.*

Investment planning, building, process start-up and maintenance of laboratories: Metallurgic Laboratory, Measurement Laboratory, Emission Laboratory.
Environment, health and safety compliance of laboratories and travelling personnel.
Member of the definition-and-build-up team, at the initiation of the Service Experts organization.
Legal, Contract and Insurance functions support; information confidentiality management.

TECHNICAL SKILLS
AND COMPETENCES

*With computers, specific kinds of
equipment, machinery, etc.*

In-situ Technical Advisor for legal disputes and foreign arbitration.
Collaboration with academic institutions and Laboratory testing at international standard.
Author of ~250 failure investigations.
Experienced in performing interactive and enthusiastic public speaking session for international audience, and in communicating complex matters in an understandable way.
Referent person for HR department during recruitment interviews, to attest technical competence level and potential.
Advanced microscopy techniques (SEM, EDS, AFM, OM, DIC).

ARTISTIC SKILLS
AND COMPETENCES

Music, writing, design, etc.

Editor, writer and illustrator for local press.
Art, photography and music event organizer.

DRIVING LICENCE(S)

Italian driving licence B

ADDITIONAL INFORMATION

Published papers: Enclosure 1.
Science communication events organizer in national scientific exhibition.
Self independent and extensive international travelling, month-length on the road by bike.
Former team member of the regional soccer team.
Local institution committee member, for diversity management monitoring.
Local board member of NGO, for civil economy and finance culture diffusion.

Use of personal data is authorized according to the Italian law for privacy
Dlgs n. 196/2003 and EU 2016/679 GDPR. Updated: October, 2018.

Enclosure 1

MACHETTA PAOLA
PUBLISHED PAPERS
Updated: October, 2018

- *Analisi frattografica della rottura fragile di un asse a camme: casi di cricche indotte da idrogeno di grande estensione.* L. Derganz, D. Piculin, P.Machetta. 34° Convegno Nazionale dell'Associazione Italiana di Metallurgia, Milano, Italia, 7-9 novembre 2012.
- *Failure analysis of a marine connecting rod.* Cosmi F., Hoglievina M., Machetta P., Franco F. In proceedings of 25th Danubia-Adria Symposium on Advances in Experimental Mechanics, Ceske Budejovice (Budweis) and Cesky Krumlov, Czech Republic, September 24–27, 2008
- *Analisi frattografica della rottura di un rullo per motori diesel. Un caso di fatica apparente.* P.Machetta, M. Rizzuti, M. Predonzan. 32° Convegno Nazionale dell'Associazione Italiana di Metallurgia, Milano, Italia, 24-26 settembre 2008.
- *ALGOFLON PTFE as spin-on ultralow k dielectric material.* P.Machetta, M.Lazzarino, S.Carrato, C.Schmid, V.Kapeliouchko, T.Poggio, A.Sanguineti, G.Canil, European Material Research Society Spring Meeting, Strasbourg, France, June 18-21, 2002
- *PTFE thin films as ultralow k spin-on dielectrics.* P.Machetta, M.Lazzarino, V.Kapeliouchko, T.Poggio, A.Sanguineti, G.Canil, poster session in: XV Convegno Italiano di Scienza e tecnologia delle Macromolecole, Trieste, Italy, September 24-27 2001.
- *PTFE nanoemulsions as ultralow k dielectric.* P.Machetta, M.Lazzarino, V.Kapeliouchko, T.Poggio, A.Sanguineti, V.Arcella, G.Canil, Macromolecular Symposia, 15th Bratislava International Committee on Polymers, June 25-28, 2001, ed. Wiley.