



## CURRICULUM VITAE EUROPASS



### PERSONAL INFORMATION

Name **MARCO EZIO PEZZOLA**

Address

Administrative

Phone

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E-mail [marco.pezzola@si-ita.it](mailto:marco.pezzola@si-ita.it);

Nationality Italian

Date of birth 24/12/1979

### EDUCATION

- Date (from – to) March 2004 – February 2007
- Educational institution Politecnico di Milano
- Qualification PhD in Mechanical System Engineering (with merit)
  
- Date (from – to) September 1998-December 2003
- Educational institution Politecnico di Milano
- Qualification 100/100 degree in Mechanical Engineering (Ground Vehicle)
  
- Date (da – a) September 1993 – July 1998
- Educational institution Liceo Scientifico M.G. Agnesi, Merate(LC)
- Qualification High school diploma

### ACTIVE MEMBERSHIP

- Date (from – to) 2012 –Today
- institution ISO WG 11 - SC9
- Qualification Member in active board for ISO standard definition.
  
- Date (from – to) 20123–Today
- institution BMD (Bycile Motorcycle Dynamic)
- Qualification Scientific board member

**WORK EXPERIENCE**  
**(PROFESSIONAL)**

<ul style="list-style-type: none"><li>• Date (from – to)</li><li>• Company or sector</li></ul>	<p>2004 - Today</p> <p>2004, he founds Soluzioni Ingegneria, consultancy company on engineering innovation. Marco operates as head of divisions, projects, services and methodologies. In January 2014 Soluzioni Ingegneria becomes s.r.l. (<a href="http://www.si-ita.it">www.si-ita.it</a>). Partner of TUEV SUED Italia, distributor and partner of IPG Automotive, active customers in 12 countries, more than 65 international scientific publications, 6 patents, SI, before as consultancy company now as s.r.l. closes the 21 year of profitable business.</p>
<ul style="list-style-type: none"><li>• Employment</li><li>• Main activities and responsibilities</li></ul>	<p>Partner. General manager. Manager and supervisor of technical development.</p> <p>Main relevant customers and most relevant projects.</p> <ul style="list-style-type: none"><li>. <b>CREA</b> agricultural vehicle models and simulators for drivers' training.</li><li>. <b>YANMAR</b> Europe: vehicle dynamics for agri-robots operating in field: vehicle design and challenges related to vehicle control.</li><li>. <b>ISUZU</b> development of new truck for autonomous driving</li><li>. <b>CRF/FCA/IVECO/STELLANTIS/BWI/CONTINENTAL</b> (since 2014): Development of real-time vehicle models based on IPG Automotive CarMaker / TruckMaker / MotorcycleMaker . HIL test benches applications.</li><li>. <b>DUCATI</b> (since 2014): Projects' manager and coordinator of activities belong to innovation.</li><li>. <b>BREMBO</b> (since 2014): Projects' manager and coordinator of activities belong to innovation.</li><li>. <b>PIRELLI</b> (since 2009): Member of CyberTyre team for potential friction identification (he's author of related patent) and longitudinal slip identification;</li><li>. <b>KYMCO TAIWAN R&amp;D</b> (since 2008): Suspension design to improve ride comfort; Study on the chassis regarding safety and driving dynamics;</li><li>. <b>KYMCO ITALIA</b> (since 2004): Stability analysis to increase the safety of vehicles ;feasibility and development of electric / hybrid prototype;</li><li>. <b>PIRELLI Moto</b>: (2023-today) new methodology for motorcycle stability objectification and KPI-driven development of new tyres;</li></ul>
<ul style="list-style-type: none"><li>• Date (from – to)</li><li>• Company or sector</li><li>Employment</li></ul>	<p>January 2004 – today</p> <p>TUEV SUED ITALIA</p> <p>Head of the certification team of city buses, intercity buses and military vehicles in accordance with current legislation in the following areas:</p> <ul style="list-style-type: none"><li>- Acoustic measurements (CUNA 504 - 92/97 CEE – UNI 9838);</li><li>- Human exposure to vibration phenomena (ISO 5349 // ISO 2631);</li><li>- Fuel consumption and performance (CUNA 503, SORT).</li><li>- Air conditioning performance;</li><li>- Emissions (DIR: 2009/33/CE).</li></ul> <p>Setting of metrological chain for verification of dynamic magnitudes; CAN data acquisition and analysis using developed proprietary codes.</p> <p>Soluzioni ingegneria's main customers:</p> <ul style="list-style-type: none"><li>- MERCEDES EVOBUS Italia, SETRA, SCANIA, MAN, Breda Menarinibus, IVECO IRISBUS, Otokar, BYD, Yutong.</li></ul>

**WORK EXPERIENCE  
(POLITECNICO DI MILANO)**

- Date (from – to) Since 2004
- Company address Politecnico di Milano – Dipartimento di Meccanica 24, Via La Masa, 20156, Milano
- Employment Assistant Professor
  
- Date (from – to) Since 2017
- institution Alma Mater Studiorum, Università di Bologna
- Employment Adjunct Professor for Motorcycle Dynamics (at MUNER)
  
- Date (from – to) 2009 2014
- institution Master if automotive engineer University of Modena
- Employment Professor by contract

**SODT AND TECHNICAL SKILLS**

Managing teams; innovation managers; bringinf new methods into r&d for companies; negotiator; opening new market worldwide.

Technical skills

coding: C++,C, Fortran (bases).TCL/TK. python.

use of applications: MS OFFICE,AUTOCAD,PRO-E,MATLAB/simulink, FEMLAB, CAE , ADAMS, LABVIEW, IPG SOFTWARE.

Metrological expertise; analogue and digital data acquisition and signal processing.

**PERSONAL SKILLS AND  
COMPETENCES**

Mother tongue ITALIAN

Other languages ENGLISH , GERMAN

Self assessment ENGLISH

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

GERMAN

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B1	B2	B2	A2

European level (\*) (\*) (A1 = minimum,; C2 = maximum)

**OTHER SKILLS**

Innovative start-up setting; engineering team establishing; innovation companies managing; problem solving; negotiation.

**OTHER INFORMATIONS**

Professional state engineer since July 2004; member of national engineering group since 2006.

Co-author of six public patents.

Co-author of more than 40 international papers (journals and proceeding).

Chairman of 4 international conference on engineering and Japan Society Automotive Engineer.

**IN FEDE**  
**MARCO EZIO PEZZOLA**



He declares, under D.P.R 445/2000, that what is previously exposed correspond to truth and authorize, in accordance with the law D.Lgs n. 196, 30/06/2003, the personal data treatment