

RÉSUMÉ

CONTACT INFORMATION

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		<i>home address</i>	Via Ciscato, 2 35126 Padova, Italy



ABOUT

Engineering executive with consistent record of successfully directing programs, global organizations, and M&A.

Experienced in building innovative teams capable of creating new products using a knowledge-based approach to all aspects of product development.

Passionate commitment to innovation, investment in new product, technology, and skills, coupled with flexibility to respond to rapidly changing customer needs.

Special focus on sustainability, energy efficient technologies, electric and hybrid powertrains, and vehicle systems.

Knowledge and experience of full product lifecycle activities including feasibility assessment, concept work, design control, problem solving, value engineering, supplier management and series product introduction.

Familiarity in working with all stakeholders involved in new product creation including customers, suppliers, and funding entities.

Qualified member of numerous boards of director of Italian and foreign companies.

Specialties: model-based system engineering, hybrid electric (HHV, HEV) and energy efficient technologies, set based design, system engineering, advanced product quality planning (APQP), technology strategy development, value assessment of unmet customer needs, CMMI; value analysis value engineering, project management.

EXPERIENCE



Dana Incorporated

www.dana.com

Dana Holding Corporation is a world leader in the supply of driveline products (transmissions, axles and driveshafts), power technologies (sealing and thermal-management products), and genuine service parts for light and heavy major vehicle manufacturers in the global automotive, commercial vehicle, and off-highway markets.

Vice President Global Engineering, Heavy Vehicles

Jan 2022 – Present

Vice President Global Engineering, Off-Highway

Oct 2017 – Dec 2021

Director Global Engineering, Off-Highway

Jan 2014 - Sep 2017

Head of Advanced Engineering, Off-Highway

Dec 2010 - Dec 2013

Engineering Manager, Off-Highway

Jan 2006 - Dec 2010



Carraro Spa

www.carraro.com


Carraro primarily manufactures and markets transmission systems for agricultural tractors, construction equipment, material moving machinery, light commercial vehicles, and automobiles in Italy and internationally.

Chief Engineer

Feb 2004 - Dec 2005


Project Engineer
Mar 2002 - Jan 2004

Design Engineer
Jul 1998 - Feb 2002

**Tecnomare Industriale**www.tecnomare.it

Tecnomare Industriale (ENI Group) operates in the field of upstream oil engineering, providing design and engineering services to oil companies with a particular orientation toward offshore engineering, supplying a complete range of design and technical services on an international level and supporting the client in the implementation of oil and gas production and transportation.

Design Engineer
Jun 1998 – Jul 1998

**Marina Militare**www.marina.difesa.it

The Italian Navy is responsible for all naval operations in national and international waters, and it exerts its influence to prevent any threat to Italian territory, to Italian fellow citizens at home and abroad, to commercial shipping routes, and to free institutions; it contributes to the protection of the Euro-Atlantic region together with the NATO, it responds to international crisis and it carries out specific tasks in case of an emergency, natural disasters, or exceptional events.

Naval Engineer
Apr 1997 – Jun 1998

EDUCATION

Master's Degree in Mechanical Engineering	Università degli Studi di Padova	www.unipd.it
Secondary School Diploma in Classic Studies	Istituto Cavanis Venezia	www.cavanisvenezia.it

QUALIFICATIONS & ASSOCIATIONS

National Association of Professional Engineers	member	www.pd.ordineingegneri.it
SAE International	member	www.sae.org
SMART@CAR, The Ohio State University	member	www.car.osu.edu/smartatcar
VDI – Powertrain systems conference	advisory member	www.vdiconference.com/
ISACA	member	www.cmmiinstitute.com/

LANGUAGE

Italian	mother language	English	fluent spoken and written
		German	basic

MILITARY SERVICE

Italian Navy, Naval engineering Corp, OF-1 Sub-Lieutenant Officer (Ensign)

SELECTED PATENTS, PAPERS AND PUBLICATIONS

Cosoli, E., Ornella, G., Zendri, F., Serrao, L., "Hydraulic hybrid powertrain", Patent US10464409B2 (A1)

Cosoli, E., Bortoli, A., Ornella, G., Serrao, L., "Hydrostatic and direct drive transmission", Patent US10364886B2 (A1)

Cosoli, E., Serrao, L., Ornella, G., "Series parallel hydraulic hybrid architecture", Patent US10215276B2 (A1)

Cosoli, E., Bonora, M., Tonini, D., "Rotary seal for a central tire inflation system", Patent EP 3 164 273 A1

Cosoli, E., Panizzolo, F., "Power Split Transmission", Patent Application Publication, US2011/0021302 A1

Cosoli, E., Grammatico, S., Balluchi, A., "A Series-Parallel Hybrid Electric Powertrain For Industrial Vehicles", IEEE VPPC 2010, Lille France, Sep 2010

Cosoli, E., Serrao, L., Ornella, G., Burgio, G., "Development and Testing of a Hydraulic Hybrid Concept for Off-Highway Vehicles", SAE Technical Paper 2013-01-2427, 2013