

Curriculum Vitae

Personal information

Fabio Zanon

Address	Italy		
Mobile	+		
E-mail	sarsa@libero.it fabio.zanon@pec.it fabio.zanon@eni.com	LinkEdin	http://it.linkedin.com/in/fabiozanon
Nationality	Italian	Marital Status	
Date of birth			
Gender	Male		

Work experiences

Employer	Eni S.p.A. via delle Industrie, 29 30175 Marghera (VE) – Italy		
Business	Magnetic Fusion Initiatives/MAGnetic Fusion Energy (MFI/MAFE)		
Dates	September 2018-On		
Position	Nuclear Fusion Specialist		
Responsibilities	Coordination of fusion projects within the Magnetic Fusion Energy unit. Setup of collaborations and cooperation with worldwide academia, R&D centres, and Universities. Monitoring of technical progress and budget. Since 2022 WBS manager and Responsible Officer of Control and Data Acquisition System (CODAS) for DTT project.		
Employer	EniProgetti S.p.A. (former Tecnomare S.p.A.) via Pacinotti, 4 30175 Marghera (VE) – Italy		
Business	Energy		
Dates	November 2000 to September 2018		
Position	Specialist Control Engineer		
Responsibilities	<p>2015-2018. Marine renewable energy technologies including tidal, wave, thermal/salinity gradient & offshore wind. Coordination of multidisciplinary team & supervision of technology providers.</p> <p>2014-2018. Mozambique FLNG project. Technical assessment and validation of innovative technologies according to Company guidelines, international standards, and recommended practices. Coordination of multidisciplinary team & supervision of technology providers.</p> <p>2014-2018. Conceptual, basic and detail design of innovative safety system for offshore and deep-sea O&G wells. Follow-up of prototyping, construction & acceptance test.</p> <p>2010-2013. Distributed fibre optic and vibro-acoustic monitoring systems for asset integrity. Feasibility study, detail design, follow-up of installation, FAT, SAT and commissioning.</p> <p>2002-2010. In the framework of EU projects, ROTIS, GEOSTAR, ESONET, MFSTEP & ORION, design, construction, installation and commissioning of subsea robotics systems (AUV, ROV and marine observatories) for scientific marine exploration in cooperation with major Italian and</p>		

	European R&D centres and universities e.g. ENEA, INGV, OGS, IFREMER/France and SACLANT/NATO. Participation to several marine oceanographic campaigns and to the XVIII Italian expedition to Antarctica (Jan. to Mar. 2003) for Italian PNRA, Programma Nazionale di Ricerche in Antartide.																																							
Employer	Tektronix Padova S.p.A. via Lisbona, 28 35127 Padova – Italy																																							
Business	Telecommunications																																							
Dates	January 2000 to November 2000																																							
Position	Software Engineer																																							
Employer	Saipem S.p.A. via Galileo Ferraris, 14 30175 Marghera (VE) – Italy																																							
Business	Main contractor (O&G and energy)																																							
Dates	June 1998 to December 1999																																							
Position	Control Engineer																																							
Responsibilities	Design, construction, integration, and installation of ROV and AUV systems for maintenance and installation of subsea O&G infrastructures.																																							
Employer	Istituto di Topografia (Topography Institute) Università degli Studi di Padova																																							
Business	Academic research																																							
Dates	December 1996 to June 1997																																							
Position	Fellowship																																							
Responsibilities	Computer vision algorithms for image processing and automatic reconstruction of 3D scenes.																																							
Education and training																																								
Dates	October 1990 to November 1996																																							
Qualification	Master of Science (M.Sc.) in Computer Science and Information Technology Engineering specialization in Industrial Automation.																																							
University	Università degli Studi di Padova																																							
Dates	September 1985 to July 1990																																							
Qualification awarded	Information Technology & Computer Science Diploma.																																							
School	ITIS Carlo Zuccante 30173 Mestre (VE) – Italy																																							
Personal skills																																								
Mother tongue	Italian																																							
Other languages Self-assessment (*)	English																																							
	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Wiriting</th></tr><tr><td colspan="2">Listening</td><td colspan="2">Reading</td><td colspan="2">Interaction</td><td colspan="2">Production</td><td colspan="2"></td></tr><tr><td>B2</td><td>Proficient</td><td>C1</td><td>Proficient</td><td>C1</td><td>Proficient</td><td>C1</td><td>Proficient</td><td>C1</td><td>Proficient</td></tr></table>										Understanding				Speaking				Wiriting		Listening		Reading		Interaction		Production				B2	Proficient	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient
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B2	Proficient	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient																															
	(*) expired TOEFL certification																																							
Soft skills	Relation and management skills. Management of stakeholders. Clear, concise, and result-driven approach. Flexible attitude according to “boundary” conditions.																																							

Hard skills	<p>4+ years' experience in management of R&D projects relevant to magnetic fusion.</p> <p>4+ year of involvement in renewable, marine and wind energy projects.</p> <p>15+ years of experience in subsea and offshore O&G including offshore installation activities.</p> <p>15+ experience in robotics for subsea and harsh environment.</p> <p>Cooperation with academia and universities.</p>
Computer skills and competences	<p>Tools: Microsoft Office, Word, Excel, and Power Point (excellent), Access (fair). AUTOCAD (fair).</p> <p>Former extensive experience in software development, programming, and testing.</p>
Additional information	
Management and self-development courses	<p>Il Consolidamento della Professionalità del Project Manager in Eni - Mod. 1 to 5 (the course is preliminary to attend the PMI certification) by Eni Corporate University on behalf of Eni S.p.A. (May 2022 to Nov. 2022)</p> <p>Total project management - Module 2: Stakeholders Management by Eni Corporate University on behalf of Eni S.p.A. (Nov. 2021)</p> <p>Q Factor – Quadri si diventa by Eni Corporate University on behalf of Eni S.p.A. (Jan. to Nov. 2020)</p> <p>Total Project Management - Module 1: Basic Project Management by Eni Corporate University on behalf of Eni S.p.A. (Jul. 2020)</p> <p>Basic Communication by Eni Corporate University on behalf of Tecnomare S.p.A. (Dec. 2011)</p> <p>Effective Management of Relationships with the Hierarchy by Eni Corporate University on behalf of Tecnomare S.p.A. (Oct. 2011)</p> <p>Be a Specialist and a Manager by Eni Corporate University on behalf of Tecnomare S.p.A. (Oct. 2003)</p> <p>I attended several courses in HSE&Q, Code of Ethics, Privacy and Customer Protection, Human Rights, Supply Chain, SDGs and Sustainable Development according to my role in the Company organization.</p> <p>I also attended several Fire Fighting and First Aid as a member of the emergency team, according to the Italian legislation.</p>
Technical courses	<p>Basic Offshore Safety Induction and Emergency Training – OPITO Certification by c/o APT Pavia on behalf of Tecnomare S.p.A. (Mar. 2013, Jun. 2006 and Jun. 1999)</p> <p>RAM – Reliability, Availability and Maintainability by Tecnomare S.p.A. (Dec. 2013)</p> <p>Electrical Installations in Areas Most at Risk in Case of Fire According to Italian Standard and Regulations (Sec. 751 IEC Standard 64-8) by Eni Corporate University on behalf of Tecnomare S.p.A. (Oct. 2011)</p> <p>The Safety of Electrical Activity in the Construction, Test and Verification of Small Scale Machines. The Conduction of the Electrical Work According to Italian Standard and Regulations (IEC EN 50110 and IEC 11-27 Level 1B 2A 2B) by Eni Corporate University on behalf of Tecnomare S.p.A. (Jun. 2011)</p> <p>Basic Oil by Eni Corporate University on behalf of Tecnomare S.p.A. (Sep. 2009)</p>
Publications	<p>Here is a shortlist of publications since 2010</p> <p>Systems Engineering Approach for the Iterative Concept Design and Virtual Simulation of the DTT Hyper Redundant Manipulator in Fusion Engineering Design, 1 Dec. 2022</p> <p>Study of Magnetic Effects on DTT ECRH Front-Steering Mirror Study of Magnetic Effects on DTT ECRH Front-Steering Mirror in SOFT, Dubrovnik, Croatia, 18÷23 Sep. 2022</p> <p>Overview of the Remote Handling System for the DTT Plant in SOFT, Dubrovnik, Croatia, 18÷23 Sep. 2022</p>

	<p>MARTe2 Porting for the ARM Architectures Design and Challenges: Towards Novel Generations of Magnetic Fusion Plants in SIDRA Automatica 2022, Cagliari, Italy, 1÷3 Sep. 2022</p> <p>Approach to a Molten Salt Blanket System for the ARC Fusion Reactor: Strategy and Challenges in OMC Offshore Mediterranean Conference Exhibition, Ravenna, Italy, 28÷30 Sep. 2021</p> <p>Integration of tools for management and control of fusion experiments in OMC Offshore Mediterranean Conference Exhibition, Ravenna, Italy, 28÷30 Sep. 2021</p> <p>Research activity in the Advanced Control Algorithms for magnetic confined fusion systems framework in SIDRA Automatica 2021 Virtual Edition, Catania, Italy, 8÷10 Sep. 2021</p> <p>Application of Wave Energy Converter Technology to Subsea Power Requirements and Asset Integrity in Oil and Gas Field Developments in OMC Offshore Mediterranean Conference Exhibition, Ravenna, Italy, 27÷28 Mar. 2019</p> <p>Towards Wave Energy Utilization for Oil and Gas Assets and Wave Farms Development: The Adriatic Sea Demonstration Case in OMC Offshore Mediterranean Conference Exhibition, Ravenna, Italy, 27÷28 Mar. 2019</p> <p>ESONET LIDO Demonstration Mission: the Iberian Margin Node in Geophysical Research Abstracts Vol. 12, EGU2010-13129, 2010 EGU General Assembly, Vienna, Austria, 2010</p> <p>Listening to the Deep-Ocean Environment (LIDO): an ESONET Initiative for the Real-Time Monitoring of Geohazards and Marine Ambient Noise in Geophysical Research Abstracts Vol. 12, EGU2010-13082, 2010 EGU General Assembly, Vienna, Austria, 2010</p>
Personal interests	<p>I like reading. I attended swimming at amateur level.</p> <p>I like spending free time with my family.</p>
Privacy authorization	<p>Hereby I authorize the processing of personal data according to Art. 13 GDPR 679/2016 and following amendments or to the law of the country concerned.</p>
Signature	