

Curriculum vitae

Reza Karimpour

Professional Profile

- 2023 **Class Surveyor Certificate** from the Lloyd's Maritime Institute.
- 2022 **PhD Degree** from the Electrical, Electronics and Telecommunication Engineering and Naval Architecture Department(DITEN), the University of Genova, Italy.
Certificate of "Training for trainers and assessors through the use of simulators" by Wärtsilä.
- 2021 **Certificate** of "Instructor Station Operator Course for LNG Bunkering Simulator Techsim" by Wärtsilä.
- 2018 **Certificate** of "Training for Trainers (TFT)", Genova, Italy.
- 2017 **Master of Science in Maritime Affairs Degree** -with specialisation in Maritime Energy Management, from the World Maritime University (WMU) in Malmö, Sweden.
- 2016 **Ship Chief Engineer Officer Certificate** of Competency (Marine Chief Engineer 3000 Kw or More).
- 2004 **Ship Marine Engineer Officer Certificate** (MarineThird Engineer 3000 kW or More).

WORK EXPERIENCE

- 2017 - 2023 **Researcher & Consultant**
As a project researcher and consultant, I led key deliverables in multiple EU-funded maritime initiatives.
- 2017 - 2026 **Lecturer :**
I have taught marine engineering topics—including propulsion systems, diesel engines, and engine simulators—as well as IMO regulations to officer trainees and students. Since 2019, I have occasionally delivered courses covering SOLAS, MARPOL, ISM, and ISPS. My academic engagements include guest lectures in Maritime Science & Technology at the University of Genoa .
- 2005 – 2016 **Ship Engineer Officer:**
Served ten years on board ocean-going commercial ships with the last rank as Ship Marine Chief Engineer Officer at the management level. During four years of serving as senior engineer, I was in charge of the safe operation and maintenance of all machinery and technical systems onboard ships. Furthermore, I was teaching cadets practical and theoretical aspects of important IMO international maritime law such as MARPOL Convention, ISM Code, SOLAS Conventions, Emergency procedures, MLC 2006, and Ballast Water Convention.

HONOURS AND AWARDS

- Ranked as one of the top three graduates among 133 Graduates at World Maritime University in Sweden in 2017.
- Winner of the position as the researcher in the Italian Centre of Excellence on Logistics, Transport, and Infrastructures, in Genova in 2018.

PERSONAL SKILLS

Languages

English

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Persian	C2	C2	C2	C2	C2

Italian

A1

A1

A1

A1

A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Communication skills - Good communication skills gained by working in a multi-national atmosphere,
- Experience in executing duties with involved stakeholders and building relationships in a changing environment

Organisational/managerial skills - Consistency in management to do tasks and being a true team player with the ability to work independently,
- Good organisational skills and being a responsible character.

Job-related skills - Enthusiastic about teamwork and sharing, with ability to prioritise tasks.

Digital skills - International Microsoft Office Skill Certificate

MEMBERSHIP

- Guest Editorial member of [Frontiers Special Collection on Sustainable Seaports](#) .
- A member of the [IEEE Standards Association \(IEEE-SA\) - sustainable maritime](#).

PUBLICATIONS

Manual marine generator synchronisation under automation failure: a dualSAGAT–SART study of situational awareness in a ship engine-room simulator , Karimpour, Reza; Figari, Massimo
<https://www.tandfonline.com/doi/epdf/10.1080/20464177.2026.2695552?needAccess=true>

Governing onboard carbon capture residues: a precautionary framework for sea disposal of calcium-looping by-products, Karimpour, Reza; Figari, Massimo
<https://www.frontiersin.org/journals/marine-science/articles/10.3389/fmars.2026.1844667/full>

Maritime Education and Training: A Simulation-Based Approach for Enhancing Ship Electric Load Management Competency Through Emergency Scenario Familiarization
2025-01-01 Karimpour, Reza; Figari, Massimo

Socio-Economic Benefits of Implementing Shore-Side Electricity in Northwest Italian Ports
2022-01-01 Karimpour, Reza; Sciutto, Davide; Bozzo, Riccardo; Pinceti, Paolo

Onshore Power Supply in northwest Italian ports to reduce ships emissions – A focus on quantifying the social-economic benefits
2022-07-28 Karimpour, Reza

Ealing project - Exploratory analysis of the future implementation of Onshore Power Supply facilities in European ports and relevant technical aspects for Port Authorities
2023-01-01 Lara Lopez, J. M.; Karimpour, R.; Molina, R. G.;

Port-City Redevelopment and the Circular Economy Agenda in Europe
2020-01-01 Karimpour, Reza; Ballini, Fabio; Ölcer, Aykut I.

REFERENCES

will be supplied upon request.

Genova 21 July 2026

