

Massimiliano CAVALLIN

Designer, Maker, Researcher

Work Experiences

Associate Professor

2024 - ongoing, University of Genoa, IT

- 3D CAD for Product Design, DAD
- 3D CAD for Nautical Design, DAD
- 2D/3D Technical CAD elements, DICCA
- 2D/3D CAD Lab, DICCA

Lecturer

2022 - ongoing, University of Genoa (UniGe) and Polytechnic of Milan (PoliMi), IT

- Nautical Design Theory 2.1, UniGe DAD
- Nautical Design Laboratory B, UniGe DAD
- Intensive Workshop B, UniGe DAD
- Yacht Design Principles, PoliMi School of Design

Technical Office

2020 - 2021, private contractor, Sarzana, IT
Yacht design, >40m. General arrangements, technical drawings, systems, details.

Project Manager Assistant

2019, Perini Navi, Viareggio, IT
Project management of large yachts, from the concept to shipyard operations.

Quality Control R&D

2016, DS Smith, Andorra - Sierra de Arcos, ES
Research and development of packaging solutions, product line organization, quality control.

Quality Control Technician

2014 - 2015, DS Smith, Belper, UK
Development and setup of a new color quality control method for large customers in Europe.

Languages

Fluent **Italian** and **English**, good **Portuguese**, **Spanish** and **French** on a lesser level, able to understand and express complex concepts.

Tools of the trade

CAD	Rhinoceros , AutoCAD, Microstation , ArtiosCAD, Solid Edge, LibreCAD
Creativity	Adobe CS , HTML, Inkscape, Gimp, Blender, Keyshot , V-Ray
Productivity	MS Teams, MS Office , Libre Office , Latex, Dolibarr, ERP
OS	Windows 95 to 11, many Linux distros, Android, a bit of MacOS

Education

PhD in Sea Sciences and Technologies

2024 - University of Genoa, IT

M.Sc. in Naval and Nautical Design

2020 - University of Genoa, IT

M.Sc. in Eco-Design

2013 - Polytechnic of Turin, IT

Bachelor of Industrial Design

2010 - Polytechnic of Turin, IT

Publications

The apport of system design for sustainability in cruise ship design

2025 - University of Genoa, IT

Luxury Cruise Ship Design – A Systemic Approach Towards Energy Efficiency

2025 - NAV 2025, IT

Designing the failure for successful design

2023 - WDO Assembly, JP

Smart materials e Design Sistemico. Verso la definizione di un nuovo paradigma progettuale

2022 - GUD, IT

Materiality as a fundamental knowledge tool for a conscious use of digital education

2022 - Feltrinelli, IT

The return of the 1960 yacht Bigrin and its restoration by the Italian Yacht Club

2020 - Barche d'Epoca e Classiche, IT

UEMG Sustainability Report

2010 - UEMG, BR