

ANGELA DENISE PERI

CURRICULUM VITAE ET STUDIORUM

❖ EDUCATION

▪ UNIVERSITY OF GENOA – DEPARTMENT OF ARCHITECTURE AND DESIGN (DAD)

PHD STUDENT - Marine Science and Technologies - Curriculum in Naval and Nautical Design – XVI Cycle (1st November 2020 - Present)

- **Research topic: A Smart materials driven approach to the interior design of cruise ships.**
Definition of a functional materials taxonomy and application of optimized design solutions to enhance the overall performance criteria of a cruise ship cabin

- Papers

Arma, G., & Peri, A. D. (2022, August 29). The Inside Story of COVID-19 Pandemic on the Diamond Princess as the prime mover of Present and Future Ship Design. Progress in Marine Science and Technology. <https://doi.org/10.3233/pmst220071>.

Musio-Sale, M., Peri, A. D., & Ruggiero, V. (2022, August 29). How COVID-19 Has Been Affecting the Overall Cruise Ship Design Paradigm. Progress in Marine Science and Technology. <https://doi.org/10.3233/pmst220072>.

Cavallin, M., Peri, A.D. (2022). Smart Materials and Systemic Design: verso la definizione di un nuovo paradigma progettuale. In GUD 01_2022 | Executions. Genova: GUD. Stefano Termanini Editore.

De Angelis, C., Peri, A.D. (2022). Environment and artifice: how the combination of design and technology contributes to the reconstruction of biological connections, by Guerrini, L. The legacy of Tomás Maldonado. Milano: Feltrinelli Editore.

Arma, G., Bertirotti, A., Musio-Sale, M., Peri, A.D., Zignego, M.I. (2022). Learning from emergency. The inside story of the Diamond Princess. In MUGAZINE 03_2021. Genova: Genova University Press.

Bertirotti, A., Musio-Sale, M., Peri, A.D., Zignego, M.I. (2021). Definition of design guidelines applicable to the design of Cruise Ships in the post Covid-19 era, with particular reference to smart materials and contactless technologies. In Pandemic cruise ship design, from sea to town. Genova: De-Sign: Environment Landscape City.

Bertirotti, A., Peri, A.D. (2020). Vivere l'intimità: per una progettazione delle differenze sensoriali. In GUD 01_2020 | Conclusus. Genova: GUD. Stefano Termanini Editore.

- **Co-reviewer of more than 10 theses**

- **UNIVERSITY OF GENOA ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION ENGINEERING AND NAVAL ARCHITECTURE DEPARTMENT (DITEN)**

GRADUATION TO PROFESSIONAL ENGINEER (Esame di Stato) - Section A (30 July 2020)

Title: Naval Architect (Ingegnere Navale)

- **UNIVERSITY OF GENOA ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION ENGINEERING AND NAVAL ARCHITECTURE DEPARTMENT (DITEN)**

MSC DEGREE IN YACHT DESIGN – CORSO DI LAUREA MAGISTRALE IN INGEGNERIA NAUTICA (24th March 2020)

Thesis: "Poseidon. An advanced design of an electric-hybrid solar catamaran for passenger transport"

Supervisors: Prof.Ing. Marco Ferrando, Prof. Ing. Antonio Da Forno, Prof. Arch Massimo Musio Sale

Final mark: 110 cum laude

- **UNIVERSITY OF GENOA ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION ENGINEERING AND NAVAL ARCHITECTURE DEPARTMENT (DITEN)**

SUPPLEMENTARY YEAR AIMED AT THE PASSAGE TO THE MSC COURSE IN YACHT DESIGN (September 2012 - November 2013)

- **UNIVERSITY OF GENOA – DEPARTMENT OF ARCHITECTURE AND DESIGN (DAD)**

BACHELOR DEGREE IN INDUSTRIAL DESIGN - YACHT AND SHIP DESIGN (27 March 2012)

Thesis: Athena: a 35-meters steel and aluminium yacht. Prefabrication in shipbuilding

Supervisor: Prof.Ing. Mario Grasso

Final Mark: 110/110

- **EUROPEAN LINGUISTIC HIGH SCHOOL " SANTA MARTA" - CHIAVARI**

HIGH SCHOOL DEGREE (October 2003 - June 2008)

Final Mark: 100/100 (full marks)

❖ TEACHING ACTIVITIES

- **UNIVERSITY OF GENOA DEPARTMENT OF ARCHITECTURE AND DESIGN (DAD) ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION ENGINEERING AND NAVAL ARCHITECTURE DEPARTMENT (DITEN) - B.SC. AND M.SC. NAVAL AND NAUTICAL DESIGN AND ENGINEERING**

TEACHER – Professional Training Course – Ship Project Management and Maritime Leadership (November 2022, January 2023, 24 Hours)

Topics: FMEA analysis, Ship Design, Project Management, Time Horizons, Operations Management, Material Requirements Planning, Manufacturing Resource Planning, Finite and Infinite Capacity Scheduling, Deming Cycle, Processing cycle, Failure Mode and Effects Analysis, Inventory Management, Transactional Analysis, Situational Leadership Theory

- **UNIVERSITY OF GENOA DEPARTMENT OF ARCHITECTURE AND DESIGN (DAD) ELECTRICAL, ELECTRONICS AND TELECOMMUNICATION ENGINEERING AND NAVAL ARCHITECTURE DEPARTMENT (DITEN) - B.SC. AND M.SC. NAVAL AND NAUTICAL DESIGN AND ENGINEERING**

TEACHER – Professional Training Course - *Analysis of Risk Factors and definition of design techniques applicable to the Naval and Nautical field in a post Covid-19 perspective* (November, December 2021, 16 Hours)

Topics: Re-design of in/out spaces, people flow management, High efficiency HVAC systems (design and sizing), primary routes of virus transmission, Covid-19 persistency on surfaces, Active and passive air sanitizing solutions, smart materials and technologies; lighting system design; FMEA analysis

- **UNIVERSITY OF GENOA – DEPARTMENT OF ARCHITECTURE AND DESIGN (DAD)
DIDACTIC TUTOR - Students with DSA, disability or other special educational needs**
(AY 2020-21)

❖ SPEAKER AT CONFERENCES

- **NAV 2022 - THE 20TH INTERNATIONAL CONFERENCE ON SHIPS AND MARITIME RESEARCH**
(15-17 June 2022 Genova – La Spezia)

The Inside Story Of Covid-19 Pandemic on the Diamond Princess as the prime mover of present and future ship design studies

Authors: Gennaro Arma, Angela Denise Peri

How COVID-19 has been affecting the overall cruise ship design paradigm

Authors: Massimo Musio-Sale, Angela Denise Peri, Valerio Ruggiero

Papers presented as unique speaker

❖ CONFERENCES AND SEMINARS HELD AS SPEAKER AND ORGANIZER

- **Definizione di linee guida progettuali applicabili alla progettazione di navi da crociera in epoca post Covid-19, con particolare riferimento a materiali e tecnologie smart** (6 May 2021)

Conference organized by Atena La Spezia, DLTM (Distretto Ligure delle Tecnologie Marine) and Seafuture : L'impatto dell'emergenza sanitaria sull'industria crocieristica e sui progetti delle future navi da crociera

- **OPERATIONS MANAGEMENT. Management software and Business Intelligence in the 4.0 Industry. A focus on: Toyota Production System** (17 December 2020)
Operations Management seminar. It has been taken in English and Italian Language to the Bachelor and Master Degree courses in Naval and Nautical Design and Engineering
- **OPERATIONS MANAGEMENT. Management softwares, essential tools for a competitive company** - (7 December 2020)
Operations Management seminar. It has been taken in English and Italian Language to the Bachelor and Master Degree courses in Naval and Nautical Design and Engineering
- **BLOCKCHAIN, IL FUTURO TRA LE MANI. Case study di applicazione pratica presso Mearsk, leader mondiale nel settore shipping** - (25 November 2020)
Interdisciplinary seminar belonging to the Anthropology of mind and Operations management fields. It has been taken in English and Italian Language to the Bachelor and Master Degree courses in Naval and Nautical Design and Engineering
- **LA SOSTENIBILITA' NAUTICA. Dalla mobilità ai materiali: l'attenzione a sistemi smart e sostenibili** – (2 October 2020)
Conference: CIRCA LA “ SOSTENIBILITA' . Azioni per la cura della Terra, nostra casa comune. FESTIVAL DELLO SVILUPPO SOSTENIBILE 2020

❖ **TEACHING ASSISTANT FOR THE FOLLOWING UNIVERSITY COURSES**

- **OPERATIONS MANAGEMENT** (cod. 84684)
Prof. Ing. Antonio Da Forno – M.Sc. Yacht Design (2017 – Present)
Role: Taking lectures about Company structure, Production management systems, planning time horizons Management Software, Deming Cycle, BOM, MRP, Infinite and Finite Capacity Scheduling, ERP, Business Intelligence, Taguchi & Quality Engineering, Robust Design, Design of Experiments, Quality Function Deployment, Lean Manufacturing, Total Quality Management, Internet of Things
- **SOCIOLOGIA GENERALE E METODOLOGIA DELL'INDAGINE SOCIALE** (cod. 98935)
Prof. Alessandro Bertirotti – B.Sc. Nautical and Product Design (2020 – Present)
Role: Interdisciplinary lessons about connections between anthropology of mind and project management
- **SCIENZA DELLE COSTRUZIONI** (cod. 98937)
Prof. Arch. Massimo Corradi – B.Sc. Nautical and Product Design (2020- Present)
Role: Exercise module teacher
- **LABORATORIO DI DESIGN 2** (cod. 84647)
Prof. Arch. Massimo Musio-Sale - M.Sc. Product and Event Design (2021- Present)
Course topic: Electric, urban vehicles
Role: Project reviewer
- **YACHT DESIGN STUDIO WORKSHOP B** (cod. 65422)
Prof. Arch. Massimo Musio-Sale, Prof. Arch. Mario Ivan Zignego - M.Sc. Yacht Design, M.Sc. Naval and Nautical Design (2020 – Present)
Course topic: Cruise ship design (AY 2020-21, 2021-22), Superyacht for Charter Use (AY 2022-23)
Role: Project reviewer

- **SUBJECT DESIGN LAB**

Prof. Arch. Massimo Musio-Sale, Prof. Arch. Niccolo' Casiddu - Double Degree Program UNIGE-BUCT (Beijing University of Chemical Technology), B.Sc. Product and Communication Design (2021 – Present)

Course topic: Electric, urban vehicles

Role: Project reviewer. Lessons focused on electric vehicles design and applied technologies, 3D modeling and rendering

ELEMENTI DI DISEGNO INDUSTRIALE PER LE PROFESSIONI TECNICHE (cod.107804)

Prof. Arch. Massimo Musio-Sale - B.Sc. Industrial Technologies

Course topic: Industrial Design

Role: Project reviewer. Lessons focused on geometric, morphological, normative and technological bases required to understand and design an industrial product

- ❖ **ATTENDED COURSES AND SEMINARS**

- **AN OVERVIEW OF IMO LEGISLATION FOR SHIP DESIGN, CONSTRUCTION AND OPERATIONS ON DIFFERENT SHIP TYPES**

Prof. Ing. Cesare Mario Rizzo – B.Sc. Ship Structures and Strength course (7th April 2021 - online seminar)

- **THE RESILIENCE ASSESSMENT OF COMPLEX SYSTEMS AS A MULTIDISCIPLINARY APPROACH FOR THE PREVENTION AND DISASTER MANAGEMENT COURSE**

PhD program in Security, Risk and Vulnerability (AY 2021-22)

- **RISK MANAGEMENT COURSE**

PhD program in Security, Risk and Vulnerability (AY 2021-22)

- **COURSE ON CLASSIFICATION AND CERTIFICATION OF YACHTS** (AY 2014-15)

Lloyd's Register

- ❖ **INTERNSHIP**

- **FINCANTIERI SPA - NAVAL DIVISION RIVA TRIGOSO (GE)** (November 2011 - February 2012)

Hull Design Office

- ❖ **AWARDS**

- ***BANDO INTERNAZIONALE PER LA SELEZIONE DI STUDI E PROGETTI DI BARCHE – NAVIGAZIONE SOSTENIBILE - SALONE NAUTICO DI VENEZIA (2021)***

Msc Thesis project Poseidon is among the 16 Project selected and exposed during the exhibition

- ***SEAFUTURE AWARDS 2021***

MSc Thesis project Poseidon is among the seven finalist candidates. The project has been awarded by The Italian Minister of Economic Development Giancarlo Giorgetti

- ❖ **LANGUAGE SKILLS**

- **ITALIAN** Mother tongue

- **ENGLISH** Very good
- **GERMAN** Good (Goethe-Zertifikat B1 - Final mark: sehr gut)
- **FRENCH** Good

❖ **IT SKILLS**

- Rhinoceros, Vray, Maxsurf Resistance, Msc Nastran & Patran, Hydrocomp Navcad, Hydrocomp PropExpert, Adobe Photoshop, Microsoft Office Suite

❖ **DRIVING LICENCE**

- Driving Licence B

❖ **MEMBERSHIP**

- **Atena** - Associazione di tecnica navale, La Spezia (2017 – Present)
- **SID** – Società Italiana di Design, Torino (2022 – Present)
- **IAM** – Istruttori Associati Marittimi, Naples (2022 – Present)

❖ **PERSONAL INTERESTS**

- Photography, running, psychology, philosophy, contemporary history, art history

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