

JASIĆ

Radomir



PhD Candidate at the University of Liège

Email: r.jasic@uliege.be
Phone: +32 494 25 86 44
Office: BAT. B52/3 ANAST (Systèmes de transport et constructions navales)
Allée de la Découverte 9
4000 Liège
Belgium

Keywords: Floating offshore wind turbine, Wave basin, Wind tunnel, Hardware in the loop testing, Hybrid testing, Hydrodynamics, Renewable energy, Structural optimization, Dynamic response, Hydro-elastic response

Publications
(ORCID,
SCOPUS...)
https://www.researchgate.net/profile/Radomir_Jasic2
www.linkedin.com/in/radomirjasic

MISSION

Real time hybrid modelling for floating offshore wind turbines

The goal of this research is to reduce the costs and safety risks in the design stage of offshore wind turbines as well as to provide means for faster prototyping and gathering data in a controlled environment.

EDUCATIONAL BACKGROUND

Ph.D. Candidate

Université de Liège (Liège, Belgium)

Sep 2020 -

Key Subjects: Floating offshore wind turbine, Wave basin, Hardware in the loop testing, Hybrid testing, Hydrodynamics, Dynamic response, Hydro-elastic response

Dissertation work title: "Real time hybrid modelling for floating offshore wind turbines"

M.Sc. in Advanced Ship Design (EMship)

Université de Liège (Liège, Belgium) & École Centrale de Nantes (Nantes, France)

Sep 2015 - Feb 2017

Joint Master's Degree consisting in three stages:

- Master in Naval Architecture (Université de Liège)
- Master in Hydrodynamics, Energy and Propulsion (École Centrale de Nantes)
- Complementary Diploma in Offshore Structures (University of Rostock, Germany)

Key Subjects: Ship Theory, Seakeeping, Ship Structures, Experimental Ship Hydrodynamics, Ship Design, Multi-objective Optimisation for Ship Design.

Thesis title: "Design of a Low-wash Inland Patrol Boat" Developed at the University of Rostock and engineering society "DN&T" for the needs of the federal police of Belgium.

M.Sc. in Architecture

University of Novi Sad (Novi Sad, SER)

Sep 2013 - Aug 2014

Key Subjects: Architecture, urban design and architectural structures.

Thesis title: "Light as an interior design element – Club M at the Faculty of Technical Sciences".

Bachelor of Engineering in Maritime Engineering

University of Novi Sad (Novi Sad, SER)

Sep 2009 - Jul 2013

Key Subjects: Architecture and city planning.

Thesis title: "Design of a post office in a modern city quarter"

WORK EXPERIENCE

Research Engineer – Université de Liège, BE

Département d'Architecture, Géologie, Environnement et Construction (ArGEnCo)

Apr 2017 – Sep 2020

Numerical (CFD) and practical experiments for determination of hydrodynamic coefficients, development of real-time inland navigation simulator for training of officers, design of vessels of various sizes and other floating objects.

Naval Architect Internship – DN&T, Liège, BE

Design Naval and Transport

Jul 2016 – Nov 2016

Numerical Design of a low-wash inland patrol boat as a response to tender by Directorate of maritime and river police of Belgium.

Naval Architect – JJ Marine, Surabaya, ID

Oct 2014 – Jul 2015

Design of ship elements, plans and interiors in a conceptual, final design and production (CNC cutting) phase.

Coordination of activities of designated ship build projects to ensure that goals and objectives of the project are accomplished within established time frame.

SKILLS

Languages

Serbian (Native), English (fluent), French (intermediate) and Spanish (basic).

Computer skills

2D and 3D design software, Technical drawing, Rendering, CFD hydrodynamics, Argos Ship Stability