INFORMATII PERSONALE



Adrian Presură

adrian.presura @ugal.ro

Sex Masculin

Data nasterii

Nationalitate Romana

DOMENIUL OCUPATIONAL

-Sef lucrari, Departamentul de Arhitectura Navala, Facultatea de Arhitectura Navala, Universitatea "Dunarea de Jos" din Galati
-Inginer proiectant nave

EXPERIENTA PROFESIONALA

Cariera de inginer proiectant

2011 – Februarie 2020 Ship Design Group Galati
Arhitect naval:
- generare forme corp
- estimare rezistenta la inaintare
- calcul propulsor si amenajare propulsiei
- calcul si amenajare sistem de guvernare
- compartimentare corp
- calcul si amenajare sistem de ancorare
- sisteme de salvare
- realizare plan general de amenajari si descriere tehnica
- model 3D pentru prezentare
- calcul masa nava goala pentru nave noi si conversii
- stabilitate si rezistenta: stabilitate intacta si de avarie, manual de incarcare
- proba de stabilitate: realizare proba de inclinari si generare raport proba pentru avizare de catre Clasa
- asistenta la probe de mare
- rezistenta structurala: esantionaj, analiza FEM
- studii de fezabilitate
- trainer pentru stabilitate si sisteme cu tubulaturi
- Reguli si Regulamente utilizate: IACS Class Rules (BV, DNV-GL, NK, RMRS, Lloyd's Register), IMO (ILLC, SOLAS, MARPOL, IBC, IGC, ILO, HSC, SPS Code, etc.), others (Norwegian Maritime Authority, EU-ADN – European International carriage of dangerous goods by inland waterways, etc.)

2013 – 2014 Icepronav Engineering Galati
- stabilitate intacta si de avarie pentru un FPSO

2008 - 2011 Ship Design Group Galati
Inginer sisteme cu tubulaturi:
- Proiect de executie in Cadmatic: modelare echipamente, izolatii, captuseli, rutare tubulaturi, generare informatii pentru productie
- Administrare Cadmatic
- proiect tehnic pentru instalatii

Dezvoltare concepte: pasager pentru navigatie interioara, draga pentru navigatie interioara, nava de salvare, nava cisterna pentru navigatie costiera, nava pentru servicii offshore, remorchere multifunctionale, ambarcatiuni de mare viteza etc. (unele referinte sunt prezentate in Anexa 1)

Proiecte de cercetare:
- GRENDEL - 2018 - 2021 - Green and efficient Danube Fleet

(http://www.interreg-danube.eu/approved-projects/grendel): retrofitting solutions for existing vessels with diesel engines in order to meet the latest UE exhaust gas requirements- Stage V and pure LNG propulsion for inland vessels
- INSPIRE - UEFISCDI - 2019 (https://iopscience.iop.org/article/10.1088/1757-899X/591/1/012111/pdf)
- ADAM4EVE - 2013 - 2015 - 4.1.3.1.4 Adaptive bulbous bow for Inland waterway ships (https://cordis.europa.eu/project/id/314206/reporting/de)
- REXDAN – 2020-2023 **Contract nr. 309/10.07.2020, Cod SMIS 2014+ 127065** (https://rexdan.ugal.ro/index.php/ro/)

Cariera academica

2018 - Prezent Facultatea de Arhitectura Navala – Universitatea „Dunarea de Jos" din Galati
Sef lucrari: Arhitectura navala, Sisteme navale cu tubulaturi

2016 - 2018 Facultatea de Arhitectura Navala – Universitatea „Dunarea de Jos" din Galati
Asistent: Arhitectura navala, Sisteme navale cu tubulaturi, Proiectarea preliminara a navei
Peste 10 articole publicate (unele referinte sunt prezentate in Anexa 1).

EDUCATIE SI FORMARE

2014-2017 – Doctorat – Universitatea „Dunarea de Jos" din Galati
Titlu teza: „Stari de solicitare ce apar in structurile neconventionale ale navelor cu dublu invelis"
2008-2010 – Masterat – Facultatea de Arhitectura Navala – Universitatea „Dunarea de Jos" din Galati
Titlu: „Stability preliminary performances estimation for an Multipurpose super tug"
2003-2008 – Inginer diplomat – Facultatea de Arhitectura Navala – Universitatea „Dunarea de Jos" din Galati
Titlu: „Analiza la flambaj a unui panou de punte pentru o nava petrolier"

APTITUDINI SI COMPETENTE PERSONALE

Limba maternal: Romana

Limba straina cunoscuta

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversatii	Discurs oral	Exprimare scrisa
Engleza	C1	C2	C2	C2	C2

Niveluri:Cadrul European Comun de referinta pentru limbi straine

Competente si abilitati de comunicare: sociabil, spirit de initiativa, orientat catre constructia de echipe

Competente si abilitati tehnice: eperienta in toate etapele de proiectare, abordare proiecte complexe, abilitati bune de coordonare, abordare pragmatica, experienta in activitati de predare teoretice si practice

Competente si abilitati digitale: Utilizator de: NAPA, MARS, Nauticus 3D Beam, CADMATIC, ANSYS, COSMOS, Rhino, AutoCAD.

Alte competente si abilitati: expeditii in caiac si cu ambarcatiuni de agrement, practicarea sporturilor

Permis(e) de conducere: auto - B,C;
ambarcatiuni de agrement – D

ANEXE: Anexa 1 – Proiecte de referinta

ANEXA 1 – PROIECTE DE REFERINTA

SELECTIE DIN PROIECTE DE REFERINTA

Stabilitate		Image
2012 – Inland dredger	- Intact stability	R1
2013 – Inland bunkering station	- Intact & damage stability	
2013 – Inland hydrographic vessel	- Intact stability	R2
2014 – Shallow draught survey vessel	- Intact & damage stability	R3
– Inland passenger vessel	- Intact & damage stability	R4
– Multipurpose maritime tug	- Intact & damage stability	R5
– Inland workboat	- Intact stability	
2014 – FPSO	- Intact & damage stability	R6
2015 – Inland passenger catamaran	- Intact & damage stability	
2016 – Shallow draught ice class tug	- Intact stability modification	
2018 – Inland passenger catamaran	- Intact & damage stability	
2018 – Coastal area bunker ship	- Intact stability	

Analiza structurala

MARS scantling for initial design of different ship types: bulk barge, tanker barge, inland pusher, catamaran passenger vessel, etc.
ANSYS FEA analysis: global strength bulk barge, PhD Thesis – ADN 2017 double side damage FEA analysis.

Dezvoltare concepte	Image
Aquaculture catamaran	R7
LNG inland pusher	R8
Search and rescue vessel	R9
Module carrier vessel	R10

SELECTIE DIN LUCRARI STIINTIFICE PUBLICATE

1. Ionas, O., Presura, A., Lupu, B., Investigation regarding the feasibility of a technology for ship assembly in floating conditions, Galati Naval Architecture GNA'13, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.161-168, Galati University Press, 2013
2. Presura, A., Chirica, I., Beznea, E.F., The structural design improvement of a twin-hull ship, CSSD-UDJG'15, The Annals of "Dunarea de Jos" University of Galati, Fascicle IX-Metallurgy and materials science special issue (ISSN 1453-083X), 2015
3. Pacuraru, F., Presura, A., Iorga, S., Propulsive performance improvement of a inland pusher, Galati Naval Architecture GNA'15, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), pp.199-204, Galati University Press, 2015
4. Presura, A., Chirica, I., Beznea, E.F., Behavior analysis of a ship structure made out of composite materials, Advanced Materials Research, Vol. 1143, pp. 127-132, Trans Tech Publications, Switzerland, (ISSN 1662-8985), (doi:10.4028/www.scientific.net/AMR.1143.127), UGALMAT 2016
5. Presura, A., Chirica, I., Beznea, E.F. Design aspects of inland navigation catamarans, Galati Naval Architecture GNA'16, The Annals of "Dunarea de Jos" University of Galati, Fascicle XI-Shipbuilding (ISSN 1221-4620), Galati University Press, 2016
6. Presura, A., Chirica, I. Numerical simulation of plastic deformation in steel panels, CSSD-UDJG'17, The Annals of "Dunarea de Jos" University of Galati, Fascicle IX-Metallurgy and materials science special issue (ISSN 1453-083X), 2017

R1



R2



R 3



R 4



R 5



R 6



R7



R8



R9



R10

