EMSHIP  Annex2 – Technical Capacity - CV of Professors

Prof. Dr. Ing. Philippe RIGO
Age: 59
E-mail: Ph.rigo@uliege.be

SKILLS

- Ships and Offshore Structures, Teaching, Project
- Offshore Wind Turbine, Research, Project
- Ultimate Strength, Crashworthiness and Optimisation, Research, Project
- Inland navigation and Hydraulic Structures, Intern. Collaboration

WORK HISTORY

2008 - Present
Professor, University of Liege, Head of ANAST, Belgium

1999 - 2000
Visiting Prof. University of Michigan (Naval Architecture), USA

1991 – 2008
Research Director, National Funds of Scientific Research (FNRS)

1990 – 1991
University of Kyoto, Post doc, Japan

1983 - 1990
Research Associate, Univ. of Liege, Belgium.

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

- HOLISHIP
  H2020, 2016 – 2020 - Ship Structure Optimization
- LBR5
  Ship Structure Optimisation, Least cost optimization (developer)
- ISSC
  Co-Chairman 2015-2018 ; Members of ISSC committee since 1999

EDUCATION

- 1999
  Highest Academic Degree delivered in Belgium), University of Liège,

- 1988
  PhD in Engineering, Univ of Liege

- 1982 & 1985
  Civil Engineer (Ir.) ; Naval Architect (MSc)

SOME PUBLICATIONS


Prof. HAGE André
Age: 62
E-mail: ahage@ulg.ac.be
Research profile: http://www.anast.ulg.ac.be

SKILLS
Ship Project & Ship Design  Teaching, Project
Ship Theory and Offshore (static, dynamic and propulsion)  Teaching, Project

WORK HISTORY
2004 - Present  Associate professor at University of Liège
Director of the towing tank (ship model test laboratory)
2007 - Present  Professor HZS (HOGERE ZEEVAARTSCHOOL - Ecole de Navigation de la marine Marchande à Anvers)
2006 - Present  General Manager of DN&T Design Naval &Transport company
1986 - 2004  Civil Engineer in naval Architecture

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS
Industrial Project  Several design project for working ships (fishing vessel, patrol boat, passengers ships,..).
European and regional  Improve, HLC-AIM, Easyship, Genhull
ISSC  Member of committee IV.2 Design Method since 1991

EDUCATION
1986  Civil Engineer In naval Architecture
1985  Civil Engineer - Transport and Logistics

SOME PUBLICATIONS
[2] International conference on Computer Application on Board the ships. CABS’95 VARANA, Volume 1-
Bulgaria September 1995 – pp III.1 – III.10 A. HAGE
Wolter Robert HETHARIA, Andre HAGE, Philippe RIGO, ICOST Ambon- Indonesia 2012
HETHARIA, Andre HAGE, Philippe RIGO Hiper 2014
Prof. Dr. Ing. Pierre FERRANT
Age: 60
E-mail: pierre.ferrant@ec-nantes.fr
Research profile: https://scholar.google.com/citations?user=07Hvy1UAAAAJ&hl=en

SKILLS

- Water Waves: Research, Teaching, Expertise
- Wave-Structure Interactions: Research, Teaching, Expertise
- Free Surface Hydrodynamics: Research, Teaching, Expertise
- Numerical modelling: Research, Expertise, Project Supervision

WORK HISTORY

2008 - Present  Full Professor, Ecole Centrale de Nantes
1998 - 2008    Associate Professor, Ecole Centrale de Nantes
1988 - 1998    Research Engineer, Sirehna Company, Nantes
1983 - 1988    Research Assistant, Ecole Centrale de Nantes

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

- NEMO: Extension of Model test basins, Ecole Centrale de Nantes, 2015-2020, Budget 16 MEuros
- University of Osaka: Specially Appointed Professor, 2014-2017
- ITTC: Member of Advisory Council, former chairman of Ocean Engg. Committee

EDUCATION

- 2006: Habilitation to conduct research (HDR) (Ecole Centrale de Nantes)
- 1988: PhD in Hydrodynamics (Ecole Centrale of Nantes)
- 1982: Advanced Engineer Diploma in Naval Hydrodynamics (SSHNA), Ecole Centrale de Nantes
- 1981: Engineer Diploma, Ecole Centrale de Nantes (Naval Hydrodynamics and Shipbuilding)

SOME PUBLICATIONS


L. GENTAZ
Age: 50
E-mail: lionel.gentaz@ec-nantes.fr
Research profile: http://www.researchgate.net/profile/Lionel_Gentaz

SKILLS
Numerical methods under potential flow and viscous flow theories
Teaching
Wave resistance
Teaching
Viscous flow modelling for wave-structure interactions
Expertise

WORK HISTORY
1996 - Present
Assistant Professor in Ecole Centrale Nantes
1995 – 1996
Teaching and Researching assistant in Ecole Centrale Nantes

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS
Optiroutes
FUI (Single Inter-Ministry Fund), reduction of ship consumption, 2016 to 2018. Partners: Bureau Veritas, CMA-CGM, IFREMER, HydrOcean, ADRENA, Nextflow software, ENSM and ECN

PREDEMO-Nav
ANR (National Research Agency), improvement of security for marine operations, 2016 to 2018. Partners : Sirehna (research part of Naval-Group), MIO (Mediterranean Institute of Oceanology), DGA-TH (French Defence Procurement Agency-Hydrodynamic Department) and ECN

EDUCATION
1995
PhD in Fluid Dynamics (Ecole Centrale of Nantes)
1991
Engineer diploma in Fluid Mechanics (Ecole Centrale Nantes)

SOME PUBLICATIONS


Guillaume DUCROZET
Age: 36
E-mail: guillaume.ducrozet@ec-nantes.fr
Research profile: https://www.researchgate.net/profile/Guillaume_Ducrozet

SKILLS
Water waves modelling
Fluid Mechanics
Analytical and numerical modelling

WORK HISTORY
2010 - Present  Assistant Professor – LHEEA Lab., Ecole Centrale de Nantes
2009 - 2010  Research engineer (Ecole Centrale Nantes)
2008 - 2009  Post-Doctoral fellow (Technical University of Denmark (DTU) – Mechanical Engineering dept.)
2007 - 2008  Research engineer (Ecole Centrale Nantes)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS
SimAvHy  PIA (IRT Jules Verne), Numerical simulation, 2012-2017, partners: BV, HydOceane, Nextflow, STX, Sirenha (Naval group), Alstom (GE)
LabexMER  PIA, Ocean dynamics, 2012-2019, partners: UBO, UBS, Univ Nantes, Ifremer, CNRS, IRD
REM  EMJMD on Marine Renewable Energy, 2018-2022, partners: UPV (coordinator), Univ. Strathclyde, NTNU

EDUCATION
2007  PhD in Hydrodynamics (Ecole Centrale de Nantes)
2004  Master of Engineering, major in Hydrodynamics and Ocean Engineering (Ecole Centrale de Nantes)

SOME PUBLICATIONS
Prof. Dr. Eng. Patrick KAEDING
Age: 47
E-mail: patrick.kaeding@uni-rostock.de
Research profile: https://www.lsk.uni-rostock.de/en/

**SKILLS**

<table>
<thead>
<tr>
<th>Structural Design</th>
<th>Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finite Element Analysis</td>
<td>Expertise</td>
</tr>
<tr>
<td>Analytical and Numerical Modelling</td>
<td>Expertise</td>
</tr>
<tr>
<td>Ultimate Strength Analysis</td>
<td>Expertise</td>
</tr>
</tbody>
</table>

**WORK HISTORY**

- **2015 - Present** 
  Vice-Rector of Academic Studies, Teaching and Evaluation, Univ. of Rostock
- **2009 - Present** 
  University of Rostock, Faculty of Mechanical Engineering and Marine Technology, Professor holding the Chair of Ship Structures
- **2005 - 2009** 
  ThyssenKrupp Marine Systems: Research, Development & Product Development
- **2001 - 2005** 
  ThyssenKrupp Marine Systems: Structural Analysis

**TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS**

- **3D Vorm:** Forming of Thick of Thick Plates, 2010-2013
- **POLAR:** Production, Operations and Living in Arctic Regions, 2010-2013
- **SOF:** Floating Offshore Foundations, 2010-2013
- **DüsenForm:** Forming of Ducts, 2013-2015
- **ISSC:** Member of Standing Committee

**EDUCATION**

- **2001** 
  Doctor of Engineering, Hiroshima University, Japan
- **1998** 
  Dipl.-Ing. (Schiffbau), University of Hamburg

**SOME PUBLICATIONS**

- Lettau, W-D, Kaeding, P (Hg.) (2017). *Lebenslanges Lernen an Hochschulen* (Einblicke in die Begleitforschung zur wissenschaftlichen Weiterbildung), Akademische Verlagsgemeinschaft München
EMSHIP* Annex2 – Technical Capacity - CV of Professors

Prof. Dr. Ing. Robert Bronsart
Age: 63
E-mail: robert.bronsart@uni-rostock.de
Research profile: http://www.schiffbauforschung.de/en

**SKILLS**

<table>
<thead>
<tr>
<th>Ship Design</th>
<th>Expertise</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Technologies, Collaboration Infrastructures in Ship Design and Production</td>
<td>Expertise</td>
</tr>
<tr>
<td>Ship Operation Optimization</td>
<td>Expertise</td>
</tr>
<tr>
<td>Ship Hydromechanics</td>
<td>Teaching</td>
</tr>
</tbody>
</table>

**WORK HISTORY**

- **1996 - present**: University of Rostock, Faculty of Mechanical Engineering and Marine Technology, Professor holding the Chair of Ship Design
- **1988 - 1996**: Germanischer Lloyd, IT development
- **1983 - 1988**: Technical University of Hamburg-Harburg, Researcher at Chair of Ship Structures
- **1982 - 1983**: University of Hannover, Researcher at Chair of Ship Design and Ship Theory

**TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS**

- **PerSee**: Performance of Ships in Seaways
- **DFG**: German Research Foundation: Advisory Board for Research Vessels
- **ISSC**: Active member since 2000 serving several committees, organizing ISSC 2012
- **ICAM**: Lectures in shipping logistics

**EDUCATION**

- **1989**: Dr.-Ing. (University of Hamburg)
- **1982**: Diplom Ingenieur Schiffbau (University of Hamburg)
- **1974 - 1982**: Studying at universities in Hannover, UoM(USA), Hamburg

**SOME PUBLICATIONS**


Dr. hab. inż. Maciej TACZAŁA
Age: 57
E-mail: maciej.taczala@zut.edu.pl
Research profile: http://www.researchgate.net/profile/Maciej_Taczala

SKILLS

Structural mechanics  Teaching, Expertise
Finite Element Analysis  Teaching, Expertise

WORK HISTORY

2014 - present  Professor (West Pomeranian University of Technology, Szczecin, Faculty of Maritime Technology and Transport)
1996 - 2014  Researcher and lecturers (Technical University of Szczecin, Faculty of Maritime Technology)
1984 - 1995  Research Assistant (Technical University of Szczecin, Ship Research Institute)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

INBAT  Innovative Barge Trains for Effective Transport on Shallow Waters”, 5FP, 2001-2004
Static and dynamic analysis of layered plate structures resting on elastic foundation financed by the Polish National Science Centre (NCN) under contract 2012/05/B/ST6/03086, 2013-2015.

EDUCATION

2010  D.Sc. (Habilitation) (Technical University of Gdańsk)
1995  PhD in Civil Engineering (Technical University of Gdańsk)
1984  M.Sc. in Naval Architecture (Technical University of Szczecin)

SOME PUBLICATIONS


Prof. Dr. Ing. Zbigniew SEKULSKI

Age: 56
E-mail: zbigniew.sekulski@zut.edu.pl
Research profile: Ship Structure

SKILLS

- Ship and offshore structural design: Expertise, Teaching
- Multi-objective optimization: Expertise, Teaching
- Optimization and cost-benefit analysis: Expertise, Teaching

WORK HISTORY

2009 - Present  Assistant Professor (West Pomeranian University of Technology, Szczecin)
1987 - 2008  Research assistant (Szczecin University of Technology)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

EMSHIP  Teacher of the Erasmus Mundus EMSHIP programme: Design of Ships and Offshore Structures.
IMO  Sub-Committee on Ship Design and Construction International Maritime Organization; member of the local polish teem.
ISSC  The International Ship and Offshore Structures Congress; member of the committee IV.2, “Design Methods”.

EDUCATION

2013  Habilitation in Machine Construction and Operation (Gdańsk University of Technology)
2001  PhD in Machine Construction and Operation (Szczecin University of Technology)
1995  Master in Physics (Szczecin University)
1987  Master in Naval Architecture (Szczecin University of Technology)

SOME PUBLICATIONS


Dr. Ing. Tomasz URBAŃSKI

Age: 41
E-mail: tomasz.urbanski@zut.edu.pl

Research profile:

**SKILLS**

- Welding Technology
- Production Technology of Ship and Offshore Structures
- Mechanics of Ship and Offshore Structures
- Experimental investigations and thermo-mechanical analysis of welding distortions

**WORK HISTORY**

2015 - Present  Head of Large Size Welding Laboratory (Faculty of Maritime Technology and Transport)

2012 - 2016  V-ce Dean of the Faculty of Maritime Technology and Transport (West Pomeranian University of Technology in Szczecin)

2004 - Present  Adjunct Professor in Department of Ships and Yachts Building (Faculty of Maritime Technology and Transport)

2003 - 2004  Production Engineer and Inspector of Quality Control (PORTA ODRA Shipyard in Szczecin)

**TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS**


**EDUCATION**

2009  PhD in Mechanical Engineering (West Pomeranian University of Technology in Szczecin)

2003  M.Sc. in Naval Architect (Szczecin University of Technology)

**SOME PUBLICATIONS**


Prof. Dr. Ing. Adrian Lungu
Age: 59
E-mail: adrian.lungu@ugal.ro
Research profile: http://www.researchgate.net/profile/Adrian_Lungu

SKILLS

Computational Fluid Dynamics
Numerical ship hydrodynamics
Ship hydrodynamics

Teaching
Expertise
Project supervision

WORK HISTORY

2000 - Present
Professor – Faculty of Naval Architecture („Dunărea de Jos” din Galați)

Deputy – Rector – Dunărea de Jos” din Galați

2004 - 2012
Dean – Faculty of Naval Architecture („Dunărea de Jos” din Galați)

1996 - 1998
PD Fellow, Visiting Professor (SMU Dallas TX, USA)

1987 - 1991
Professor – Faculty of Naval Architecture („Dunărea de Jos” din Galați)

1984 - 1987
Technology Engineer (Galati Shipyard)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

ASIGMA
POSDRU, education, 2010, partners: OPB, UTB, UPT, ARACIS

VORTEX
CNCSIS, Vortex hydrodynamics, 2006, partners: UPB, UPT, UTC

European Academy of Sciences and Arts
Member

EDUCATION

2005
Habilitation to conduct research (HDR) („Dunărea de Jos” din Galați)

1998
PhD in Fluid Mechanics (Hiroshima University, Japan)

1993
Engineer in Shipbuilding („Dunărea de Jos” din Galați)

SOME PUBLICATIONS


Prof. PhD. Eng. Leonard DOMNISORU
Age: 52
E-mail: leonard.domnisoru@ugal.ro
Research profile: www.naoe.ugal.ro

SKILLS
Seakeeping & Hydroelasticity
Finite Element Analysis & Structural Dynamics
Structural Analysis and Hydroelasticity
Structural Analysis, Seakeeping and Hydroelasticity

WORK HISTORY
1990 - Present
Professor – Faculty of Naval Architecture („Dunărea de Jos” of Galati)
2012 - 2015
Dean – Faculty of Naval Architecture („Dunărea de Jos” of Galati)
2008 - 2012
Deputy Dean – Faculty of Naval Architecture („Dunărea de Jos” of Galati)
2002 - 2008
Head of Ship Structure Department („Dunărea de Jos” of Galati)
1996 - 2002
Member of the Shipbuilding Department Council („Dunărea de Jos” of Galati)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS
MARSTRUCT

MARGAS

STG
Member of Schiffbautechnische Gesellschaft e.V.,Hamburg (since 1994)

GFTU
Member of Gesellschaft zur Förderung der Technischen Universität Hamburg-Harburg e.V. (since 1999)

EDUCATION
2007
Habilitation, PhD research advisor in Mechanical Engineering („Dunărea de Jos” University of Galati)
1996
PhD in Ship Hydrodynamics and Structures („Dunărea de Jos” University of Galaţi & DAAD Scholarship Technische Universität Hamburg-Harburg)
1990
Engineer in Shipbuilding („Dunărea de Jos” University of Galati)

SOME PUBLICATIONS


Assoc. prof. dr. ing. Florin PACURARU

Age: 41
E-mail: florin.pacuraru@ugal.ro
Research profile: https://www.researchgate.net/profile/Florin_Pacuraru

SKILLS

Hull form hydrodynamics Teaching
Ship resistance Teaching
Numerical and experimental ship hydrodynamics Expertise
Computational fluid dynamics Project supervision

WORK HISTORY

2003 - Present Professor - Faculty of Naval Architecture (“Dunarea de Jos” University)
2016 - 2017 Deputy Dean - Faculty of Naval Architecture (“Dunarea de Jos” University)
2016 – present CFD service owner (NAPA)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

ASIGMA POSDRU, education, 2010, partners: OPB, UTB, UPT, ARACIS
ADAM4EVE FP 7, Ship hydrodynamics, 2015, partners: CMT, RINA, VTT, HSVA, LR, STX
RINA Member

EDUCATION

2015 PhD in Ship Hydrodynamics (“Dunarea de Jos” University)
2003 Master in Integrated Shipbuilding
2002 Engineer in Economical engineering in Shipbuilding (“Dunarea de Jos” University, Faculty of Shipbuilding and Electrical Engineering)

SOME PUBLICATIONS

EMSHIP*                              Annex2 – Technical Capacity - CV of Professors

Prof. Dr. Ing. Hervé LE SOURNE
Age: 51
E-mail : herve.lesourne@icam.fr
Research profile: http://www.researchgate.net/profile/Herve_Sourne

SKILLS

Structural Dynamics – Fluid structure interactions        Teaching
Composite structures dimensioning                      Teaching
Analytical and numerical modelling                     Expertise
Finite Element Analysis                                  Project supervision

WORK HISTORY

2017 - Present                                      Research Manager – ICAM Engineering Schools (West campuses)
2008 - 2016                                           Head of Mechanical Engineering Department (ICAM Nantes campus)
1999 - 2008                                           Research project manager (French Shipbuilding Research Institute)
1996 - 1998                                           Structural Engineer (French Navy Shipbuilding Design Department)
1988 - 1995                                           Development Engineer (French Navy Shipbuilding Propulsive Department)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

SUCCESS                                                                   National funding, Explosions, 2017, partners: DGA, MULTIPLAST, MECA
 CHARGEOL                                                               Ship-jackets collision, 2014, partners: STX France, Bureau Veritas
 SHARP                                                                  JIP, Ship collisions, 2009, partners: TOTAL, DCNS, BV, GDF, PRINCIPIA

EDUCATION

2015                                               Habilitation to conduct research (HDR) (University of Nantes)
1998                                                PhD in Structural Mechanics (Ecole Centrale of Nantes)
1993                                                Engineer in Numerical Analysis & Scientific Computing (Conservatoire National des Arts et Métiers)

SOME PUBLICATIONS


Prof. Dario BOOTE

Age: 64
E-mail: dario.boote@unige.it

Research profile: Ship Structure, Sailing Yacht and motor Yacht

SKILLS

Structures design of merchant ships and pleasure vessels  Teaching, Research

WORK HISTORY

1991 – Present  Professor of Ship Construction, University of Genova
1983  Researcher at the Department of Naval Architecture and Ship Construction, University of Genova
1981  Employed at CETENA, the Fincantieri research office, in Genova

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

2009 – Present  President of Yacht Design Courses of La Spezia
1990  Active participation in the Foundation of the BE and MSC courses in Yacht Design in La Spezia
2000-2015  From 2012 to 2015 Member of ISSC V.7 Committee (Structural Longevity)
From 2009 to 2012 Chairman of ISSC V.8 Committee (Yacht Design)
From 2006 to 2009 Member of ISSC V.8 Committee (Sailing Yacht Design)
From 2000 to 2006 Member of ISSC V.9 Committee (Design Methods)

EDUCATION

1980  Graduated in Naval Architecture, University of Genova

SOME PUBLICATIONS

Jean-Baptiste R. G. SOUPPEZ

Senior Lecturer in Yacht Design and Composite Engineering | Southampton Solent University
Visiting Professor and Research Supervisor | The University of Liege (EMship+)
UK Principal Expert in Small Craft Structures | British Standard Institution
ORCID: orcid.org/0000-0003-0217-5819

Warsash School of Maritime Science and Engineering
RM 333 | East Park Terrace | Southampton | SO14 0YN
T: 023 8201 6515 | E: jean-baptiste.souppez@solent.ac.uk

SKILLS

Small craft structures and composite engineering. Teaching and UK principal expert.
Experimental and computational fluid dynamics. Teaching and supervision.
Yacht design and velocity prediction programs. Teaching and supervision.
Learning and teaching in higher education. Fellow of the Higher Education Academy

WORK HISTORY

11/17 - Present Senior Lecturer in Yacht Design and Composite Engineering. Southampton Solent University.
08/14 - 11/14 Teaching Assistant. The University of Auckland.

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

ISO TC188 / WG18 UK principal expert for the development of international scantlings regulations, in partnership with British Marine, Federation Francaise des Industries Nautiques, etc…
SLTI Funded research into the use of lecture capture to promote student engagement in Higher Education
Sustainable Research into sustainable and recycled composite materials, in partnerships with the ant-arctic lab, Ben Ainslie Racing (America’s Cup team).

EDUCATION

2017 PhD in Computational Fluid Dynamics. The University of Edinburgh
2017 Postgraduate Certificate in Teaching and Learning in Higher Education. Southampton Solent University
2014 Diploma in Practical Traditional Wooden Boatbuilding. International Boatbuilding Training College
2013 Bachelor of Engineering (Honours) in Yacht and Powercraft Design. Southampton Solent University.

SOME PUBLICATIONS


EMSHIP®                              Annex2 – Technical Capacity - CV of Professors

Prof. Dr. Ing. Luis Ramon Nuñez Rivas
Age: 68
E-mail: luisramon.nunez@upm.es
Research profile: http/www.etsin.upm.es

SKILLS

Ships propulsion systems          Research and Lecturer
Marine Renewable Energies         Research and Lecturer
Ships design                      Research

WORK HISTORY

2013-Present    Director (Dean) of ETS Ingenieros Navales (UPM)
2005-2013        Professor of Ships Propulsion System and Marine Renewable Energies
2001-2005        Director (Dean) of ETS Ingenieros Navales (UPM)
1994-2001        Associate Professor ETS Ingenieros Navales (UPM)
1992-1994        Assistant Professor ETS Ingenieros Navales (UPM)
1987-1992        Senior Lecturer ETS Ingenieros Navales (UPM)
1985-1987        Lecturer ETS Ingenieros Navales (UPM)
1983-1984        Engineer (Astilleros Españoles)
1982-1983        Engineer (Astilleros Españoles)

TYPICAL PROJECTS (Research, Education) and INTERNATIONAL CONTACTS

Director of 18 Research Projects, between them 1 with European Funds and 8 with Spanish Government Funds. Some of the partners were Iberdrola, SOERMAR, Union Naval de Levante, IZAR, INNOVAMAR and PYMAR.
He has been member of 11 International Scientific Committees and 9 National ones.

EDUCATION

1992                        Dr. Ingeniero Naval (Ph. Doctor) (Universidad Politecnica de Madrid)
1984                        Master Science Ingeniero Naval (Universidad Politecnica de Madrid)

SOME PUBLICATIONS

He has been published 29 International Peer Reviewed Papers and 30 International conference Papers between them are the following:

