

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name
Address
Telephone
Fax
E-mail
Nationality
Date of birth

Iordan MATULEA
Domneasca Street, No.47, 6200 Galati, ROMANIA
+40 236 414871 (383), mobil: 0742090357
+40 236 461353
Iordan.Matulea@ugal.ro
Romanian
12.06.1937

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

Employee of Dunarea de Jos University of Galati, 47 Domneasca, 800008, Galati, Romania:
1959-1963: Debuting Assistant; 1963-1980: Assistant Lecturer; 1980-1990: Assoc. Professor;
1990 -2005: Professor; 2005- Professor Emeritus.
University "Dunarea de Jos" of Galati
Higher Education- University
Current position: Professor Emeritus, Mechanical Engineering Faculty
Head of Research Group "Marine Technology", Department of Mechanics and Strength of
Materials, performing teaching and research activities, programme and projects development.

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
- Level in national classification (if appropriate)
 - Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
- Level in national classification (if appropriate)
 - Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
- Level in national classification

16 june – 22 june, 2005
Universidade Nova de Lisboa- Portugalia-Departamento de Engenharia Mecânica e Industrial
Faculdade de Ciências e Tecnologia da UNL
Course for students PhD:The concept of Level of Confidence applied to damaged vessels
-
-
22 june – 28 june, 2005
Universidad de Valladolid- Departamento INGENIERÍA MECÁNICA E.T.S.I. Industriales, Spain
Course for students PhD:The concept of Level of Confidence applied to damaged vessels
-
-
12 june – 20 june, 2004
Universidade Nova de Lisboa- Portugalia-Departamento de Engenharia Mecânica e Industrial
Faculdade de Ciências e Tecnologia da UNL
Course for students PhD: Systems for hydrocarbon transfer in the offshore areas
-
-
For more information go to
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_en.html
www.eurescv-search.com

(if appropriate)

- Dates (from – to) 20 june – 27 june, 2004
- Name and type of organization providing education and training Universidad de Valladolid- Departamento INGENIERÍA MECÁNICA E.T.S.I. Industriales, Spain
- Principal subjects/occupational skills covered Course for students PhD:Systems for hydrocarbon transfer in the offshore areas
- Title of qualification awarded -
- Level in national classification (if appropriate) -
- Dates (from – to) 29 june – 2 july, 2003
- Name and type of organization providing education and training Universidade Nova de Lisboa, Portugal
- Principal subjects/occupational skills covered Axiomatic design as a background for concurrent Engineering Education and Practice
- Title of qualification awarded -
- Level in national classification (if appropriate) -
- Dates (from – to) 12 june – 14 june, 2000
- Name and type of organization providing education and training National Technical University of Athens, Greece
- Principal subjects/occupational skills covered Development of new techniques for the prediction of waves conditions in the coastal environment. Financed by ANSTI (National Agency for Research, Technology and Innovation – Romania) and Ministry of Development of Greece- General Secretariat of Research and Technology Department)
- Title of qualification awarded -
- Level in national classification (if appropriate) -
- Dates (from – to) 7 june – 11 june, 2000
- Name and type of organization providing education and training University ARISTOTELIO PANEPISTIMIU Thessaloniki, Greece
- Principal subjects/occupational skills covered Resources Management and local development network
- Title of qualification awarded -
- Level in national classification (if appropriate) -
- Dates (from – to) 19 october – 30 october, 1999
- Name and type of organization providing education and training Universidad de Valladolid, Spain
- Principal subjects/occupational skills covered Underwater Technology
- Title of qualification awarded -
- Level in national classification (if appropriate) -
- Dates (from – to) 9 april – 19 april, 1999
- Name and type of organization providing education and training National Technical University of Athens, Greece
- Principal subjects/occupational skills covered Offshore technology
- Title of qualification awarded -
- Level in national classification (if appropriate) -
- Dates (from – to) 17 may – 26 may, 1997
- Name and type of organization National Technical University of Athens, Greece

- Level in national classification
(if appropriate)

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

Higher Education Graduate, Engineer

good

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- Reading skills
- Writing skills
- Verbal skills

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

ARTISTIC SKILLS AND COMPETENCES

Music, writing, design, etc.

Russian

excellent
excellent
good

EXPERIENCE IN WORKING IN DIFFERENT COUNTRIES, WITH DIFFERENT NATIONALITY PEOPLE; EXPERIENCE IN PRESENTING LECTURES TO VARIOUS LEVELS, SIZES AND NATIONALITIES OF AUDIENCES; EXPERIENCE IN TEACHING BY CLASSICAL AND ICT METHODS; REMOTE AND TUTORIAL TEACHING; TELE-WORKING; EXPERIENCE AS VISITING PROFESSOR; PARTICIPATION AT VARIOUS INTERNATIONAL EVENTS AND CONFERENCES; COOPERATION IN INTERNATIONAL RESEARCH AND OTHER PROJECTS TEAMS (SEE ADDITIONAL INFORMATION).

MANAGERIAL SKILLS FOR ACADEMIC AND RELATED TO THE PROJECTS ACTIVITIES; ADMINISTRATIVE AND FINANCIAL SKILLS RELATED TO PROJECTS DEVELOPMENT DUE TO:

- 24 years of experience as scientific secretary of Mechanical Faculty Board, member of University Senates, Head of Department (SEE ADDITIONAL INFORMATION);
 - 1 RTD Project (2002-2004) as partner, Local Leader (Acronym: SAFERELNET Project title: Safety and Reliability of Industrial Products, Systems and Structures. Membership Agreement No.: [1/50]. Basic Contract No. G1RT-CT-2001-05051)
 - 1 RTD Project (2003-2008) as partner, Local Task Leader (Acronym: MARSTRUCT, Title: MARINE STRUCTURE)
 - 1 Joint Research & Technology Programmes (1998- 2000) as Programme Director (Title: Development of new techniques for the prediction of waves conditions in the coastal environment). Financed by ANSTI (National Agency for Research, Technology and Innovation – Romania) and Ministry of Development of Greece- General Secretariat of Research and Technology Department)
 - 1 Joint European Tempus Jep 12466-1997(1997-1999) as member of the staff (Title: Tempus Jep: Underwater Technology-Consortium: Universidad de Valladolid-Spain, ISCEL- Lisboa, Portugal, Universita degli studi di Napoli, Italy)
 - 1 Joint European Tempus (1996-1998) as member of the staff (Title: Tempus project S Jep- 11230/ 1996 Quality Assurance in engineering degree)
 - 1 CDA SOCRATES-ERASMUS Programme (1999-2000) as Local Director (Title: Resources Management and Local Development Network Coordinator : University ARISTOTELIO PANEPISTIMIO Thessalonikis- Greece. Cod 31579-IC-3-1999-GR-ERASMUS-CDA-4)
 - 8 SOCRATES-ERASMUS Programmes for student's travel and training (SEE ADDITIONAL INFORMATION)
 - SCIENTIFIC SUPERVISOR IN MECHANICAL ENGINEERING FIELD
- 17 peoples have or are in progress of completing Doctoral Dissertations at University "Dunarea de Jos" of Galati under my supervision(SEE ADDITIONAL INFORMATION)
- Programme director for 21 research project in the frame of national programmes (SEE ADDITIONAL INFORMATION)

TEACHING USING MULTIMEDIA TOOLS; CREATION OF MULTIMEDIA TEACHING MATERIALS; EXPERIENCE AQUIRED DURING DEVELOPMENT OF DEPARTMENT LABORATORIES, PREPARATION OF NEW COURSES, PRESENTATION OF PAPERS IN INTERNATIONAL EVENTS, VISITING PROFESSOR STAGES OTHER PRACTICAL SKILLS IN FIELDS LIKE AUTOMOTIVE, ELECTRICAL / MECHANICAL EQUIPMENT, MECHANICAL VIBRATION EQUIPMENT, SHIPBUILDING INSTALLATION DUE TO DIDACTIC AND RESEARCH APPLICATIVE ACTIVITIES

PHOTOGRAPHY AND MOVIE (INCLUDING IMAGE DIRECTING); PAINTING; DYNAMIC MULTIMEDIA PRODUCTS CREATION; SKILLS AQUIRED DURING ENTIRE LIFE, STARTING CHILDHOOD (PAINTING, PHOTOGRAPHY AND MOVIES) BY NOWDAYS (COMPUTER RELATED ARTISTIC ACTIVITIES)

WRITING EXPERIENCE DUE TO THE IMPORTANT NUMBER OF THE BOOKS AND SCIENTIFIC PAPERS (SEE ADDITIONAL INFORMATION)

OTHER SKILLS
AND COMPETENCES

Competences not mentioned above.

1. Relevant experience in the following main expertise fields:

-human resources development, open and distance learning, multimedia teaching tools and methods; -total quality management, quality assurance, higher education management, research projects management; European programmes management; -mechanics; mechanical vibration; motion stability of underwater vehicles and surface vessels; offshore system for hydrocarbon transfer; underwater technologies; reliability; risk management.

2. Hobbies: - visiting museums, churches, historical places; - symphonic music; - taking pictures (photography and movie).

DRIVING LICENCE(S)
ADDITIONAL INFORMATION

B

MANAGERIAL EXPERIENCE

- 2000-2004 Head of the Senates Commission International Relations
 - 2000-2004 Head of the Department Mechanics and Material Strength
 - Since 1998 Assistant Editor –The Annals of “Dunarea de Jos” University of Galati, Fascicle X ,
- APPLIED MECHANICS
- 1996-2000 Scientifically Secretary of Faculty Board – Faculty Mechanics
 - 1980-1984 Scientifically Secretary of Faculty Board – Faculty Mechanics

NATIONAL PROGRAMMES

[1] HORIZONT 2000 thematic direction: A10, Natural Resources, programme 10.1, subprogram “Explore and Exploitation of the offshore areas in the continental platform of the Black Sea”- Project director for the project : Development of new techniques for the prediction of waves conditions in the coastal environment with the National Technical University of Athens- Grecia. Financed by MCT (Ministry of Research and Technology).

RESEARCH PROJECTS

As responsible or project director

- [1] Motion stability of towed underwater vehicles. Grant nr. 7007 / 1997, position 15/ 276 – financed by National Ministry of Education - CNCSU (National Concilium of the Universities Scientifically Research)
- [2] Dynamics of the offshore hydrocarbon transfer systems. Grant nr.7007 /1997, position 30/ 277. - financed by National Ministry of Education - CNCSU
- [3] Dynamics of the offshore hydrocarbon transfer systems. Grant nr. 5007/1996, position 1174. - financed by MEN -National Ministry of Education - CNCSU
- [4] Motion stability of towed underwater vehicles. Grant nr. 5007/1996, position 1173. - financed by MEN-National Ministry of Education - CNCSU
- [5] Dynamics of the offshore hydrocarbon transfer systems. Grant nr. 4007/1995, position B 10 - financed by MEN-National Ministry of Education - CNCSU
- [6] Gas pipeline Φ 14 '' installed by free immersion. Contract Nr. 5226 / 30. 06. 1993 - Beneficiary PETROSTAR Ploiesti.
- [7] Hydro elastically vibrations of ships and offshore structures. Contract Nr. 12 / 01. 01. 1992 - Beneficiary MEN-National Ministry of Education - phase responsible.
- [8] Studies for hydrodynamic characteristics of an underwater towed vehicle. Contract Nr. 25 / 2. 09. 1991- Beneficiary M Ap N (Romanian Ministry of Defence) - U. M. 02190 Constanta. [9] Fixed platform riser and the installation of the J-tube. Contract Nr. 10/1989- Beneficiary PETROMAR
- [10] Static and dynamic Stress of Lazy S riser between pipeline Φ 6, 5 / 8 '' , Φ 12, 3 / 4 '' and buoy. Contract Nr. 38 / 1988 - Beneficiary PETROMAR Constanta.
- [11] Technology for installation of underwater cables 6 Kv and 50 Hz. Contract Nr. 28/1988 - Beneficiary ICPE Bucharest.
- [12] An analysis of the possibility to simultaneous installation of four pipeline Φ 168 mm. Contract Nr. 5/1988 Beneficiary PETROMAR Constanta.
- [13] Gas pipeline Φ 16 '' installed by free immersion. Contract Nr. 5/1988 - Beneficiary PETROMAR Constanta
- [14]Theoretically and experimentally researches on the models for determining the hydrodynamic forces and the response of moored marine structures. Contract Nr. 21 / 1987 - Beneficiary ICEPRONAV Galati
- [15]. Gas pipeline Φ 20 '' installed by free immersion. Contract Nr. 43/1987 - Beneficiary PETROMAR Constanta.
- [16] Project for the float of gas pipeline Φ 20 '' - Contract Nr. 44/1987 - Beneficiary PETROMAR Constanta.
- [17] Pipeline installed by free immersion. Contract Nr. 41 / 1985 - Beneficiary PETROMAR
- [18] Static and dynamic experimental stress determination, by tensometric measurements, of the structure of naval derrick -prototype 1677 1469. 200. Contract Nr. 62/1985 - Beneficiary IMN Galati.
- [19] Static and dynamic experimental stress determination, by tensometric measurements, of the structure of naval derrick 5 tf. of the cargo 7500 tdw. Contract Nr. 16/1978 - Beneficiary ICEPRONAV Galati

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As researcher of research team

A. PROJECTS OBTAINED BY NATIONAL COMPETITION

[20] MARSENA "Research on ships manoeuvrability for risk assesement and for security increasing of maritimr transportation. Integrated educational system for ship manoeuvrability simulation". Grant Type A, nr. 28GR/11.05.2007, cod CNCISIS 670, financed by Ministry of Research and Education- ANCS (National Authority for Scientifical research). Project Director Assoc. Prof. Dan Obreja." Coordinator for tasks : 1. Risk matrice for assesements in maritime transportation. Probabilities and hazard severities; 2. Mathematical modelling of risk in maritime transportation; 3.; Risk acceptance based on multi criteria modelling in maritime transportation.

[21] Waves action on the offshore structures. Grant nr. 177- financed by National Ministry of Education - CNC SU (National Concilium of the Universities Scientifically Research) - Project Director: Assoc.Prof E. Rusu

EUROPEAN P R O J E C T S (In progress or finalized)

As Contact Person or Programme director

2003-2008

[1] Project RTD- Integrated Project in 6th Frame Programme for Research of European Commission. Network of excellence on Marine Structure. Acronym: MARSTRUCT. Lider Project: Prof. C.G Soares, Portugal. Local leader for Task 6.

2002-2006

[2] Project RTD- Acronym: SAFERELNET Project title: Safety and Reliability of Industrial Products, Systems and Structures. Membership Agreement No.: [1/50]. Basic Contract No. G1RT-CT-2001-05051. Consortium: 68 Europeans units (24 university, 21 research institutes and diverse national agencies) from 14 European countries (Portugal, England, Germany, France, Swiss, Italy, Norway, Holland, Romania, Bulgaria, Czech Republic, Poland, Slovakia, Slovenia, Hungary, Estonia). Project Lider: Prof. Carlos Guedes Soares-Instituto Superior Tecnico- Lisboa, Portugal; Contact Person: Prof. Iordan Matulea- from University "Dunarea de Jos" of Galati-Romania

1998 - 2000

[3] Joint Research & Technology Programmes. Title: Development of new techniques for the prediction of waves conditions in the coastal environment. Programme Director: Prof. I. Matulea- University "Dunarea de Jos " Galati- Romania; Programme Director: Prof. G. Athanassoulis- National Technical University of Athens- Greece. Financed by ANSTI (National Agency for Research, Technology and Innovation – Romania) and Ministry of Development of Greece- General Secretariat of Research and Technology Department)

1997-1999

[4] Joint European Tempus Jep 12466-1997. Title: Tempus Jep: Underwater Technology- Consortium: Universidad de Valladolid-Spain, ISCEL- Lisboa, Portugal, Universita degli studi di Napoli, Italy. Staff member

1996-1998

[5] Joint European Tempus. Title: Tempus project S Jep- 11230/ 1996 Quality Assurance in engineering degree. Member of the project staff.

ACADEMIC SOCRATES-ERASMUS PROGRAMMES

2002-2006

[6] Socrates Erasmus Programme - Title : Dynamics of mechanisms. Contact person : Prof. Antonio Manuel F.R.A. Goncalves Coelho-Universidade Nova de Lisboa, Portugal; Contact person : Prof. I.C.Matulea, University "Dunarea de Jos" of Galati, Romania

2001-2004

[7] Programme Socrates- Erasmus- Title: Offshore Technology. Contact Person : Prof. Antonio Carlos Mendes-Universidade Da Beira Interior, Portugal; Contact Person : Prof. I.C.Matulea, University "Dunarea de Jos" of Galati, Romania

[8] Programme Socrates Erasmus- Title : Technology Offshore. Contact Person : Prof. Carlos Guedes Soares-Instituto Superior Tecnico- Lisboa, Portugal ; Contact Person: Prof. Iordan Matulea- University "Dunarea de Jos" of Galati-Romania

2000-2004

[9] Programme SOCRATES-ERASMUS- Title : Noise Control in the Vehicles Construction. Coordinator : Universidad de Valladolid- Spain. Cod: 29619- I C- 3 – 1998- 1 – ES- ERASMUS- EPS- 1. Contact persons : Dr. Marta Herraiz- Universidade de Valladolid- Spain; Contact persons : Prof.dr.ing.I.Matulea- University "Dunarea de Jos" of Galati-Romania

1999- 2000

[10] Programme SOCRATES-ERASMUS-Title : Resources Management and Local Development Network Coordinator : University ARISTOTELIO PANEPISTIMIO Thessalonikis- Greece. Cod 31579-IC-3-1999-GR-ERASMUS-CDA-4. Director program : Prof. George Balafoutas-University ARISTOTELIO - Tessalonikis- Grecia; Local Director program : Prof. Iordan Matulea – at the University “Dunarea de Jos” of Galati-Romania . Consortium: Universite “MONTESQUIEU” de Bordeaux- France, University of Liverpool-UK, and 20 universities of Romania.

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RESEARCH REPORTS

A. MARSTRUCT Project

2005

[1] 25.05.2005 – Report No.1 : “Level of Confidence. Calculation and Use for Aging Vessels ” – I.Matulea, D. Boazu, I.Gavrilescu

B. SAFERELNET Project

2005

[1] 12.12.2005 SAF-D7.0.IST.03(1) - State-of-the-Art Report on Maintenance Management (José Caldeira Duarte, Yordan Garbatov, Carlos Guedes Soares- Instituto Superior Tecnico, Lisboa, Portugal and Iordan Matulea — University « Dunarea de Jos » of Galati- ugal, Romania). Final Report.

[2] 02.12.2005 SAF-R-5.2-RCP-COWI-IPPT-01(2)[1] - State-of-the-Art Report on Reliability Based optimisation (Rüdiger Rackwitz - RCP Consult GmbH- Germany, John Dalsgaard Sørensen – COWI, Stefan Jando, Jaroslaw Knabel, Krzysztof Kolanek, Piotr Tazowski, Rafal Stocki – IPPT, Poland, Iordan Matulea – University « Dunarea de Jos » of Galati-ugal, Romania). Final Report.

[3] 03.10.2005 SAF-W5-2-Col-and-Truss(06).ugal (I.Matulea, I. Gavrilescu, D. Boazu)

2004

[4] 23.12.2004 SAF – Activity Progress Reports- of SAFERELNET project

[5] 11.08.2004. Update of the Report of Mi-Term - of SAFERELNET project

[6] 11.08.2004. Report- in the Task 5.1 of SAFERELNET project- on “COLLAPSE ANALYSIS OF A PONTOON-TYPE VLFS IN WAVES” D.Olaru .

[7] 11.08.2004 Task 5.2 - of SAFERELNET project. Correction and update of the document titled “Draft State-of-the-Art Report on Reliability Based optimisation “I.Gavrilescu, D. Boazu , I.Matulea, , I.Chirica, N. Talmaciu.

[8] 16.07.2004. PETRI NETS IN DEPENDABILITY MODELING. Task 7.6 of SAFERELNET project “Dependability of Maintained Systems”. Mariana DUMITRESCU, Toader MUNTEANU

[9] 08.05.2004 Questionnaire Network activities related to training and education.

2003

[10] 03.06.2003 PROGRESS REPORT. Report of the activity on the time period 2002-2003 – SAFERELNET project.

[11] 28.01.2003 THE STATE OF THE ART REPORT of The Task 5.1 (Structural reliability analysis (SRA)) of the SAFERELNET project: GRADIENT OF FINITE ELEMENT RESPONSE. I.Gavrilescu, I.Matulea, I.Chirica, D. Boazu.

[12] 21.01.2003 THE STATE OF THE ART REPORT of The Task 7.4 (Consequence modeling- Costs, Safety, Environmental) of the SAFERELNET project RISK ASSESSMENT METHODOLOGY IN NAVAL ARCHITECTURE (I.Chirica, I.Matulea, N. Talmaciu)

2002

[13] 30.10.2002. THE STATE OF THE ART REPORT of The Task 7.4 (Consequence modelling- Costs, Safety, Environmental) of the SAFERELNET project . Romanian offshore operations in the Black Sea. Report for the year 2002 : Pipeline installed by free immersion. I. Matulea, I. Strat, V. Popa, I. Chirica, I. Gavrilescu.

[14] 31.10.2002 Ultimate strength of large structural systems (Task 7.2) of SAFERELNET project. Overview and Background- by Dr. Daniel V. OLARU

C. GALATI – ATHEENS Joint Research & Technology Programmes

[1] 07.11.2000. Development of new techniques for the prediction of waves conditions in the coastal environment. Final Report in attention of MCT for the project with the same title, between University “Dunarera de Jos” of Galati and National Technical University of Athens, Greece. I.Matulea, E.Rusu, I.Strat

Government Bilateral Agreement

2005

[1] Cultural Portuguese - Romanian Agreement. Under the coordination of "Directia Relatii Culturale Stiintifice si Tehnologice, Patrimoniul Diplomatic" from Ministry of Foreign Affairs, Romania, and "Direcção Cultural" from Ministry of Foreign Affairs, Portugal. Responsibles: Assoc.Prof.Antonio Gongalves Coelho at the New University of Lisbon, Portugal and Prof. Iordan Matulea at the University “Dunarea de Jos” of Galati, Romania.

STUDENT'S MOBILITY

The following students have completing the short stages in the frame of European programmes mobility, under my coordination:

- [1] PhD student Alexandru Nastase- documentation on the doctorat thesis (10 april- 10 july 2003) Universidade de Valladolid, Spain
- [2] PhD student Ciprian Cuzmin- documentation on the doctorat thesis (10 april- 10 july 2003) Universidade de Valladolid, Spain.
- [3] PhD student Alina Dimache- documentation on the doctorat thesis (10 april- 10 july 2003) Universidade Nova Lisboa, Portugal
- [4] Florin Pacuraru – to prepare the diploma project (1 mars 2002- 1 june 2002) at the Universidade da Beira Interior - Covilha, Portugal (Prof. Antonio Carlos Mendes)
- [5] Adrian Ilie – to prepare the diploma project (1 mars 2002- 1 june 2002) at the IST Lisboa, Portugal (Prof. Guedes Carlos Soares)

Student's mobility- from Romania- in the frame of other Bilateral Agreements:

- [1] Sorin Popa- Laboratory of Nice- Sophia Antipolis- of the "Universite des Mines" Paris, France- PhD student, since 2001.
- [2] Patriche Fanel- Nice Laboratory - Sophia Antipolis- of the "Universite des Mines" Paris, France – January-May, 2002
- [3] Bodea Monica- Nice Laboratory - Sophia Antipolis- of the "Universite des Mines" Paris, France – January-May, 2002

Student's mobility- from Romania- in the frame of European consortium for doctoral thesis:

- [1] Bogdan Ionita – at the Universita degli Studi di Padua, Italia, Dipartimento di Metodi e Modelli Matematici per le Scienze Applicate – supervisor Prof. Adriano Montanaro. Duration of the stay: 01.01.2003 – 01.09.2003 and 01.10.2003 – 01.03.2004. European Doctorate in Sound and Vibration Studies (EDSVS)

Student's mobility – in Romania- in the frame of the SOCRATES-ERASMUS Programmes under my coordination:

From the Universidad de Valladolid, Spain:

2003-2004

- [1] Ana GONZALES PASCUAL (01.02.2004- 30.08.2004)- diploma project
- [2] Enrique MARTÍNEZ CAMARERO (01.10.2002- 30.03.2003) - diploma project entitled: "PIPE LINE INSTALLED BY FREE IMMERSION". Exam to explain the project 29-30 mars 2003 with the appreciation: 10 (ten)
- [3] Javier Aurelio GUIMERÀ SANJUAN (01.10.2002- 30.03.2003) - diploma project entitled: "ECONOMICAL VIABILITY OF THE PIPELINE INSTALLED BY FREE IMMERSION"

TECHNOLOGY". Exam to explain the project 29-30 mars 2003 with the appreciation: 10 (ten)

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STUDENT'S MOBILITY

The following students have completing the short stages in the frame of European programmes mobility, under my coordination:

- [1] Neculita Violeta- masters-academic year 2008-2009 at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [2] Cristea Adrian Aurel - second term of academic year 2007-2008 at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [3] Crăciun Rodica - second term of academic year 2007-2008 at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [4] Lăcrămioara CRIJINOVACHI- second term of academic year 2006-2007 at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [5] Alexandra BÎNȚU- academic year 2006-2007 at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [6] Vesel Carmen - academic year 2005-2006. Master Degree activity at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [7] Manzat Iulia Adriana- second term of academic year 2004-2005. Research activity at the Technical University of Lisboa, Portugal, under supervision of Prof. Carlos Guedes Soares in the field of Maine Structures.
- [8] Teodor Virgil Gabriel- second term of academic year 2004-2005. Research activity at the Universidad de Valladolid, Spain, under supervision of Prof. Francisco Javier Santos Martin.
- [9] Bors Constantin. Diploma Project: "Case studies in Axiomatic Design" Program: 1- Fast introduction to Axiomatic Design (tutorial sessions). 2-The first axiom (case studies). 3-The second axiom (case studies). 4-Hierarchical design decomposition (case studies). 5-Comparison with Quality Function Development (QFD) and with Design Structure Matrix (DSM) (if we have time for this). Second term of academic year 2003-2004 at the Universidade Nova de Lisboa, Portugal, Scientifically Coordinator Prof. Antonio Coelho
- [10] Lepadatu Bogdan. Diploma Project: "Case studies in Axiomatic Design" Program: 1- Fast introduction to Axiomatic Design (tutorial sessions). 2-The first axiom (case studies). 3-The second axiom (case studies). 4-Hierarchical design decomposition (case studies). 5-Comparison with Quality Function Development (QFD) and with Design Structure Matrix (DSM) Second term of academic year 2003-2004 at the Universidade Nova de Lisboa, Portugal, Scientifically Coordinator Prof. Antonio Coelho
- [11] Irina Ilie – second term of academic year 2003-2004-Universidade de Valladolid, Law Faculty, Spain
- [12] PhD student Popoiu Sandita- documentation on the doctorate thesis – second term of academic year 2003-2004-Universidade de Valladolid, Spain
- [13] PhD student Alexandru Nastase- documentation on the doctorate thesis (10 april- 10 july 2003) Universidade de Valladolid, Spain
- [14] PhD student Ciprian Cuzmin- documentation on the doctorate thesis (10 april- 10 july 2003) Universidade de Valladolid, Spain.
- [15] PhD student Alina Dimache- documentation on the doctorate thesis (10 april- 10 july 2003) Universidade Nova Lisboa, Portugal
- [16] Florin Pacuraru – to prepare the diploma project (1 mars 2002- 1 june 2002) at the Universidade da Beira Interior - Covilha, Portugal (Prof. Antonio Carlos Mendes)
- [17] Adrian Ilie – to prepare the diploma project (1 mars 2002- 1 june 2002) at the IST Lisboa, Portugal (Prof. Guedes Carlos Soares)

Student's mobility- from Romania- in the frame of other Bilateral Agreements:

- [1] Eng. Sorin Popa- Laboratory of Nice- Sophia Antipolis- of the "Universite des Mines" Paris, France- PhD student, since 2001.
- [2] Eng. Patriche Fanel- Nice Laboratory - Sophia Antipolis- of the "Universite des Mines" Paris, France – January-May, 2002
- [3] Eng. Bodea Monica- Nice Laboratory - Sophia Antipolis- of the "Universite des Mines" Paris, France – January-May, 2002

Student's mobility- from Romania- in the frame of European consortium for doctoral thesis:

- [1] PhD Student Bogdan Ionita – at the Universita degli Studi di Padua, Italia, Dipartimento di Metodi e Modelli Matematici per le Scienze Applicate – supervisor Prof. Adriano Montanaro. Duration of the stay: 01.01.2003 – 01.09.2003 and 01.10.2003 – 01.03.2004. European Doctorate in Sound and Vibration Studies (EDSVS)

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Student's mobility – in Romania- in the frame of the SOCRATES-ERASMUS Programmes under my coordination:

For more information go to
www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_en.html
www.eurescv-search.com

From the Universidad de Valladolid, Spain:

2007-2008- 6 months

[1] JUAN ANTONIO GUTIÉRREZ YAGÜE. Universidad de Valladolid, Spain. Diploma "Quantitative Risk Analysis in Petrochemical Industry"- in the frame of ERASMUS-SOCRATES with the appreciation 9(nine).

2005-2006- 6 months

[2] Juan Luis CASTELLANO- Universidad de Valladolid, Spain. Diploma Project "Behaviour of pipelines during their installation"- in the frame of ERASMUS-SOCRATES Programme with the appreciation 9,60.

2004-2005- 6 months

[3] Gonzalo TUDELA MARTIN. Universidad de Valladolid, Spain. Diploma Project "Economical viability of the pipeline installed by free immersion technology"- in the frame of ERASMUS-SOCRATES Programme with the appreciation 9,40.

[4] Roberto LOZANO DIEZ. Universidad de Valladolid, Spain. Diploma Project " " - 2004-2005- 6 months : 1 October 2004 – 30 Mars 2005 . Exam to explain the project.. 2004 with the appreciation 10:

2003-2004- 6 months

[5] Ana GONZALES PASCUAL- diploma project entitled: "ECONOMICAL VIABILITY OF THE PIPELINE INSTALLED BY FREE IMMERSION TECHNOLOGY". 2003-2004 – 6 months: 1 February - 31 June 2004. Exam to explain the project.. 2004 with the appreciation : 10 (ten)

[6] Enrique MARTÍNEZ CAMARERO- diploma project entitled: "PIPE LINE INSTALLED BY FREE IMMERSION". Exam to explain the project 29-30 mars 2003 with the appreciation: 10 [7]

Javier Aurelio GUIMERÁ SANJUAN - diploma project entitled: "ECONOMICAL VIABILITY OF THE PIPELINE INSTALLED BY FREE IMMERSION TECHNOLOGY". Exam to explain the project 29-30 mars 2003 with the appreciation: 10 (ten)

SCIENTIFICAL SUPERVISOR- MECHANICAL ENGINEERING FIELD

The following people have or are in progress of completing Doctoral Dissertations at University "Dunarea de Jos" of Galati under my supervision :

Concluded

[1] Contributions to the study of a device, which transform the vibration in incremental motion – 2006 (Alexandru Nastase)

[2] Researches and Contributions concerning the Spectral and Hamiltonian Models Applied to Study the wave Dynamics – 2006 (Liliana Celia Rusu).

[3] Researches and contribution in the underwater cables mechanics- 1999 (Nicoleta Talmaciu).

[4] Static and dynamic analysis of pipeline during their installation- 1999 (Victor Popa).

[5] Pipeline installed by free immersion – 1999 (Ioan Strat).

[6] Mechanics of an underwater towed vehicles- 1998 (Lieutenant Captain eng. Silviu Caciuc)

[7] Analytical Mechanics of the continuous mediums applied in marine technology -1997 (Eugen Rusu).

In Preparation

Since 2000

[1] Motion Control of an underwater vehicle controlled by cable - (Captain Commander.eng. Ilie Tudorache)

Since 2001

[2] Motion stability of a mooring system (eng. Anastasiu Nicoleta)

Since 2002

[3] Vibroacoustic of laminated composites- eng. Bogdan Ionita (2003- stay in Padua Italy, at the Dept. Mathematical Methods and Models for Scientific Applications- supervisor Prof. Adriano Montanaro - in the frame of Marie Curie Host Fellowship, Research Programme IHP, Coordinator Dr. Paolo GARDONIO from University of Southampton)

Since 2005

[4] Level of Confidence. Damaged Vessels - Captain Commander eng. Iosif Nastase

[5] Risk Assesement of Ship Machinery - Lieutenant Commander eng. Gabriel Oancea

Since 2007

[6] Risk Management on the board of military ships- author Rear Admiral Dan Petruș POPESCU

[7] Mechanics of weather-hydro monitoring system – author Captain eng.Valerică ROȘCA

[8] Motion Control of underwater vehicles- author eng. Bogdan VLĂDESCU

Since 2008

[9] Armament Risk Management on the board of military ships- author Captain Ioan Stanciulescu

ANNEXES

PARTICIPATION ON TECHNICAL COMMITTEES AND CONFERENCE ORGANIZATION

- [1] Member of the International Steering Committee of THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING GRAPHICS AND DESIGN - ICEGD, 2007 - June 7-10, 2007, Galati, ROMANIA
- [2] 2006 - Coordinator of Romanian- Belgium Seminar "Prospects of cooperation in the frame of Erasmus-Mundus Programme in the Field of Ship Structure Design and optimisation" – 06.04.2006 -in the frame of Erasmus Programme, with the participation of Prof. Philippe RIGO from Technical University of Liege, Belgium.
- [3] Member of Scientific Committee of The Second International Symposium of Theoretical and Applied Mechanics "Dimitrie I. Mangeron", organized by the Department of Theoretical Mechanics of Technical University "Gheorghe Asachi" Iasi, 28-30 octomber 2005
- [4] Co-Chairman of Romanian – Portuguese Workshop AXIDES on Axiomatic Design, 31st May- 2nd June, 2005, Galati, with the collaboration of Prof. A.M. Goncalves Coelho from Universidade Nova de Lisboa, Portugal.
- [5] 2004 – Coordinator of Portuguese-Romanian seminar Modern Trends in design Theory and Methodology with the collaboration of Prof. A.M. Goncalves Coelho from Universidade Nova de Lisboa, Portugal. 31 May 2004, Galati
- [6] 2004 – Coordinator of English Romanian seminar Damage Mechanics of FRP (Fibber Reinforced Polymer) Marine Structures with the collaboration of Prof. Ajit Shenoi from Southampton University, UK, 25 Mars, 2004, Galati.
- [7] 2001 – Co-Chairman of the Japanese- Romanian Workshop– Galati. Lectures in NUMERICAL SIMULATION IN ENGINEERING –NuSEng'01. October 2001.
- [8] 2002- Co-Chairman of the Meeting - Halkidiki (Porto Caras) Thessaloniki, Greece, of the consortium for the SOCRATES-ERASMUS programme " Resources Management and Local Development Network", June 2000
- [9] 1998 - International Workshop on Deep water mooring and related topics in Offshore Engineering, 23 Oct. 1998, Galati, Romania
- [10] Co-Chairman of the National Conference-Tensometry, Galati, September 1989
- [11] Co-Chairman of the The 10th National Conference of Shipbuilders, Galati, 19-20 May, 1989

PROFESSIONAL SOCIETIES / ASSOCIATIONS

- [1] Since 2004- Head of Romanian Research Group "Marine Technology", in Galati University, in the frame of IMAM – International Maritime Association of the Mediterranean.

INVITED / VISITING PROFESSOR

- 1. 2005 Universidad de Valladolid- Spania – in the frame of SOCRATES-ERASMUS Programme (june 2005). Course "The concept of Level of Confidemce applied to damaged vassels". Departamento INGENIERIA MECÁNICA E.T.S.I. Industriales. Universidad de Valladolid.
- 2. 2005 Universidade Nova de Lisboa- Portugalia– in the frame of SOCRATES-ERASMUS Programme (june 2005). Course. Departamento de Engenharia Mecânica e Industrial Faculdade de Ciências e Tecnologia da UNL.
- 3. 2005 Technical University of Lisbon, Instituto Superior Tecnico, Unit of Marine Technology and Engineering, Lisboa, Portugal– in the frame of SOCRATES-ERASMUS Programme (june 2005). Assesment of bilateral collaboration.
- 4. 2004- Universidad de Valladolid- Spain – Department IMEM and Faculty of Law, in the frame of SOCRATES Programme (June 2004). Course " Offshore systems for hydrocarbon transfer in Black Sea Area"
- 5. 2004- Universidade Nova de Lisboa- Portugal-Departamento de Engenharia Mecânica e Industrial Faculdade de Ciências e Tecnologia da UNL, in the frame of SOCRATES Programme (June-July 2004). Course " Offshore systems for hydrocarbon transfer in Black Sea Area"
- 6.Universidade de Valladolid- Spain – Department IMEM, in the frame of SOCRATES Programme (June 2003)
- 7.Universidad Nova de Lisboa- Portugal-Departamento de Engenharia Mecânica e Industrial Faculdade de Ciências e Tecnologia da UNL (June-July 2003)
- 8.Universita degli Studi di Padova- Italy Dipartimento di Metodi e Modelli Matematici per le Scienze Applicate(June-July 2003)
- 9.National Technical University of Athens-Greece (June 2000- Department of Naval Architecture and Marine Engineering)
- 10.University ARISTOTELIO PANEPISTIMIO Thessalonikis- Greece, in the frame of the program Resources Management and Local Development Network Cod 31579-IC-GR- ERASMUS-CDA-4 (June 2000)
- 11.Bulgarian Science Academy- Department of Biomechanics-Sofia (June 2000)
- 12.Universidade de Valladolid – Spain (October 1999-in the frame of the Tempus Jep project 12466-1997 Underwater Technology- Department IMEM)
- 13.National Technical University of Athens-Greece (April 1999- Department of Naval Architecture and Marine Engineering)

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PARTICIPATION ON TECHNICAL COMMITTEES AND CONFERENCE ORGANIZATION

- [1] Member of the International Steering Committee of THE 2nd INTERNATIONAL CONFERENCE ON ENGINEERING GRAPHICS AND DESIGN - ICEGD, 2007 - June 7-10, 2007, Galati, ROMANIA
- [2] 2006 - Coordinator of Romanian- Belgium Seminar "Prospects of cooperation in the frame of Erasmus-Mundus Programme in the Field of Ship Structure Design and optimisation" – 06.04.2006 -in the frame of Erasmus Programme, with the participation of Prof. Philippe RIGO from Technical University of Liege, Belgium.
- [3] Member of Scientific Committee of The Second International Symposium of Theoretical and Applied Mechanics "Dimitrie I. Mangeron", organized by the Department of Theoretical Mechanics of Technical University "Gheorghe Asachi" Iasi, 28-30 octomber 2005
- [4] Co-Chairman of Romanian – Portuguese Workshop AXIDES on Axiomatic Design, 31st May- 2nd June, 2005, Galati, with the collaboration of Prof. A.M. Goncalves Coelho from Universidade Nova de Lisboa, Portugal.
- [5] 2004 – Coordinator of Portuguese-Romanian seminar Modern Trends in design Theory and Methodology with the collaboration of Prof. A.M. Goncalves Coelho from Universidade Nova de Lisboa, Portugal. 31 May 2004, Galati
- [6] 2004 – Coordinator of English Romanian seminar Damage Mechanics of FRP (Fibber Reinforced Polymer) Marine Structures with the collaboration of Prof. Ajit Shenoi from Southampton University, UK, 25 Mars, 2004, Galati.
- [7] 2001 – Co-Chairman of the Japanese- Romanian Workshop– Galati. Lectures in NUMERICAL SIMULATION IN ENGINEERING –NuSEng'01. October 2001.
- [8] 2002- Co-Chairman of the Meeting - Halkidiki (Porto Caras) Thessaloniki, Greece, of the consortium for the SOCRATES-ERASMUS programme " Resources Management and Local Development Network", June 2000
- [9] 1998 - International Workshop on Deep water mooring and related topics in Offshore Engineering, 23 Oct. 1998, Galati, Romania
- [10] Co-Chairman of the National Conference-Tensometry, Galati, September 1989
- [11] Co-Chairman of the The 10th National Conference of Shipbuilders, Galati, 19-20 May, 1989

PROFESSIONAL SOCIETIES / ASSOCIATIONS

- [1] Since 2004- Head of Romanian Research Group "Marine Technology", in Galati University, in the frame of IMAM – International Maritime Association of the Mediterranean.

SCIENTIFICAL PUBLICATIONS

B O O K S-Total 12, The published books for the last 10 years:

- [1] D. Popescu, G. Slămnou, I. Năstase, G. Oancea, V. Roșca, I. Matulea. "RISK MANAGEMENT AND MAINTENANCE POLICY". 240 pp. Published at "Galati University Foundation House", 2008, ISBN 978-973-627-418-3
- [2] I. MATULEA, N. Talmaciu, G. Slămnou, R. Stefan, I. Nastase, G. Oancea. "RISK MANAGEMENT BASED ON OPTIMIZATION AND MAINTENANCE PLANNING". 300 pp. Published at "Galati University Foundation House", 2007. ISBN 978-973-627-364-3.. Internet version 2007.
- [3] I. MATULEA, G. Slămnou, V. Popa, L. Rusu, I. Nastase, G. Oancea. SPECTRAL AND PROBABILISTIC MODELES APPLIED IN MARINE TECHNOLOGY. 250 pp. Published at "Galati University Foundation House", 2007. ISBN 978-973-627-366-7. Internet version 2007.
- [4] I. MATULEA, I. Chirica, I. Gavrilescu, D. Boazu, N. Talmaciu " RELIABILITY METHODS AND RISK ANALYSIS TECHNIQS IN DIFFERENT INDUSTRIES", 400 pp. Internet version. Published at "Galati University Foundation House", 2006. ISBN (10) 973-627-312-1; ISBN (13) 978-973-627-312-4.
- [5] E. Constantin, C. Falticeanu, V. Constantin I. MATULEA, D. Iordachescu, D. Mihaiolescu, M. Iordachescu "UNDERWATER TECHNOLOGIES" Vol. II (Cap. 2- Pipeline and underwater towed vehicle) - Editura Tehnica Bucuresti (Technical Publishing- Bucharest) – 2000, ISBN 973-31, 127 pp.

PUBLICATIONS IN SCIENTIFICAL EXTERNAL JOURNALS, INTERNATIONAL CONFERENCE PROCEEDINGS (abstract's review) WITH REFEREES-Total 20, The publications for the last 10 years

- [1] I. Matulea, A. Năstase, N. Tălmăciu, "Dunărea de Jos" University, Galați, Romania, G. Slămnou Naval Research Center, Constanța, Romania, A. M. Gonçalves-Coelho, The New University of Lisbon, Portugal. On the equilibrium configuration of mooring/towing lines. Journal Applied Ocean Research, pp.81-91, Volume 39, No.2, April 2008, ISSN 0141-1187.
- [2] B. Vladescu, D.P. Popescu, G. Slămnou, V. Rosca, I. Matulea. "The dynamic of marine cable". Ninth international conference on marine sciences and technologies-Black Sea 2008, October 23-25, Varna, Bulgaria,
- [3] I. Strat, I.C. Matulea, E. Rusu, B. Ionita. Motion of a moored floating body. Maritime Transportation and Exploitation of Ocean and Coastal Resources, 13th International Congress of the IMAM 2005, Varna, Bulgaria, 26-30 september 2007. Published in the 'Maritime Industry, Ocean Engineering and Coastal Resources' 2008 Taylor and Francis Group, London, ISBN 979-0-415-45529-7, Vol 2.
- [4] I. Matulea, I. Strat, E. Rusu. Pipeline Installation by free immersion technology. Maritime Transportation and Exploitation of Ocean and Coastal Resources, 12th International Congress of the IMAM 2005, Lisbon, Portugal, 26-30 september 2005

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- [5] I. Matulea. The European Programmes a strong support for the development in the Mechanical Engineering field. International Symposium on " New Methods and Curricula in Engineering Education in a new Europe – Simposio Internacional sobre Nuevos Métodos y Nuevos Planes de Estudio de Ingeniería en una Nueva Europa". 14th – 16th October 2004, Valladolid, Spain
- [6] I. Gavrilescu, I. Chirica, D. Boazu, I. Matulea. Software for estimating of ships collisions resistance. Seventh international conference on marine science and technology. 7-9 October 2004, Varna, Bulgaria, pp.
- [7] I. Gavrilescu, I. Chirica, D. Boazu, I. Matulea. Elastoplastic fem analysis applied to reliability. ESREL Conference Gdynia 2005. pp.
- [8] D. Boazu, I. Gavrilescu, I. Chirica, I. Matulea. Sensitivity study of a double bottom in frequency. SAFERELMNET WORKSHOP. 7-9 October 2004, Varna, Bulgaria, pp.
- [9] Eugen Rusu, Iordan MATULEA and Liliana Rusu. Linear and non linear models to assess the wave induced currents in the nearshore. SEVENTH INTERNATIONAL CONFERENCE ON MARINE SCIENCE AND TECHNOLOGY. 7-9 October 2004, Varna, Bulgaria, Vol.1, pp. 150-157
- [10] Eugen Rusu, Liliana Rusu and Iordan MATULEA. Prediction of the nearshore wave propagation with spectral models. SEVENTH INTERNATIONAL CONFERENCE ON MARINE SCIENCE AND TECHNOLOGY. 7-9 October 2004, Varna, Bulgaria, Vol. 1, pp. 142 - 149
- [11] Bogdan Ionita, Iordan Matulea. Eigenfrequency Analysis of Rectangular Composite Plates. 21st INTERNATIONAL CONGRESS OF THEORETICAL AND APPLIED MECHANICS, 15-21 August, 2004, Warsaw, Poland
- [12] I. MATULEA, S. Caciuc, N. Talmaci. Aspects of motion stability of an underwater vehicle. Bifurcation. Singularities. Chaotic motion. Fifth International Conference on Marine Science and Technology, 9-11 November 2000, Varna, Bulgaria, pp. 154-159
- [13] I. MATULEA, N. Talmaci. Static and Dynamic analysis of flexible system for hydrocarbure transfer. Fifth International Conference on Marine Science and Technology, 9-11 November 2000, Varna, Bulgaria, pp. 43-47
- [14] I. MATULEA, S. Caciuc, A. Stefan. Underwater Acoustic Detection System. International Conference- Integrity*Reliability*Failure- July 19-22, 1999. Portugal, Book of Abstract edited by S.A. Meguid- University of Toronto, Canada and J.F. Silva Gomes- University of Porto- Portugal, pp. 393-396.
- [15] I. MATULEA, I. Strat, Ghe. Momanu, L. M. Pinho (Politechnic Institute of Porto- Portugal) Simultaneous Laying of the multidiameter submarine pipes. The Second International Conference " SHIPBUILDING ' 98" , Varna- Bulgaria, Iunie 1998, pag. 67-73.
- [16] E. Rusu, I. MATULEA :The kinematical subproblem of water- waves solved using boundary element method. The Second International Conference " SHIPBUILDING " 98", Varna- Bulgaria, Iunie 1998, pag. 34-36.
- [17] I. MATULEA , I. Strat: Pipeline installed by free immersion. 8th International Congress on Marine Technology 1997, Tuzla- Istanbul , Turcia pag.8. 2- 19 - 8. 2- 26
- [18] I. MATULEA , V. Popa : Static Stresses in a submarine pipeline installed by means of a lay- barge with stinger. 8th International Congress on Marine Technology 1997, Tuzla- Istanbul , Turcia pag.8. 2- 10 - 8. 2- 18

PUBLICATIONS IN SCIENTIFIC ROMANIAN JOURNALS (in English or French) WITH REFEREES-Total 44 The publication for the last 10 years

- [1] I.C. Matulea, S. Popoiu, F. Pacuraru. Numerical simulation of a towed underwater motion under external excitations. Annals of University "Dunarea de Jos" of Galati, Fascicule XI, Shipbuilding, ISSN 1221 4620, year 2003, pp.,
- [2] I. Matulea, I. Tudorache, I. Strat, V. Popa. L'influence de la position du point de liaison câble - véhicule remorqué sur la stabilité du mouvement. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 2002, pp. 3-8
- [3] I.C. Matulea, F.A. Pacuraru, N. Anastasiu. A single point-mooring vessel. The Annals of "Dunarea de Jos" University of Galati Fascicle XI SHIPBUILDING ISSN 1221-4620, 2002, pp. 45-52
- [4] I. Matulea, I. Strat, V. Popa. Towed line's sensitiveness under external excitations. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 2001, pag.15-22
- [5] I. Matulea, I. Strat, Simulation of dynamic response of an undersea towed body. . Annals of University "Dunarea de Jos" of Galati, Fascicle X IV, Mechanical Engineering, ISSN 1224-5615, 2001, pp.45-50
- [6] I. Matulea, N. Talmaci. Single mooring line. . Annals of University "Dunarea de Jos" of Galati, Fascicle XIV, Mechanical Engineering, ISSN 1224-5615, 2001, pp.51-56
- [7] I. Matulea, C. Pietroşanu, Ilie Tudorache. L'influence des caracteristiques constructive sur la stabilite du mouvement d'un vehicule sousmarin remorque.. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 2001, pag.3-12
- [8] I. Matulea, N. Talmaci, Antonio Manuel F.R.A. Goncalves Coelho , Universidade Nova de Lisboa PORTUGAL . A mathematical model of static equilibrium configuration for mooring/towing lines. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 2001, pp.13-22
- [9] I. Matulea, Ilie Tudorache, C. Pietroşanu. Dynamics of towed undersea vehicle. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 2000, pp. 29-36
- [10] I. Matulea, I. Strat, Al. Nastase, Motion of a moored buoy. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 2000, pp. 37-46

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- [11] N.Talmaciu, I. MATULEA -The installing of marine energy cables by using two surface vessels. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221-4612- 2000, pp.3-8
- [12] N. Talmaciu, I. MATULEA- Experimental testing for the study of a flexible riser with a float. Annals of University "Aurel Vlaicu " of Arad, Serie MECHANICS, and Fascicle: Mechanics, 2000, pp. 198- 203
- [13] N. Talmaciu, I. MATULEA, I. Strat- Dynamics response analysis of the Lazy S riser. Annals of University "Aurel Vlaicu " of Arad, Serie MECHANICS, and Fascicle: Mechanics, 2000, pp. 193- 197
- [14] I.Strat, I. MATULEA, N.Talmaciu, Coupling on the lay-barge with a new pipe section of the submerged pipe end. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 1999, pp. 27-32
- [15] I.Strat, I. MATULEA, E.Rusu, Static configuration of the submarine pipelines installed by free immersion. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221- 4621, 1999, pp. 33-36
- [16] I. MATULEA, S. Caciuc, I. Strat: Les mouvements d'équilibre, dans le plan vertical, du vehicule remorque. Annals of University "Dunarea de Jos" of Galati, Fascicle X, Applied Mechanics, 1999, pp. 3- 10
- [17] I. MATULEA, S.Caiuc, and Al. Popa: Motion stability of an underwater towed vehicle. Bifurcation. Singularities. Annals of University "Dunarea de Jos" of Galati, Fascicle XIV, ISSN 1224-56151, 1999, pp. 91-96
- [18] I. MATULEA, S.Caciuc, I.Strat : Bifurcation and chaotic response of a single line moored storage tank . Annals of University "Dunarea de Jos" of Galati, Fascicle XIV, ISSN 1224-56151, 1999, pp. 97- 100
- [19] I.Strat, I. MATULEA, L.Pinho: Static loading of the submarine pipeline installed by free immersion with floats. Annals of University "Dunarea de Jos" of Galati, Fascicle XIV, ISSN 1224-56151, 1999, pp. 101- 104
- [20] I. MATULEA, S.Caciuc, I.Strat: Motion stability of a moored/towed single point barge. The 23th National Conference in Solid Mechanics, Ploiesti, 28-29 may 1999, Annals of Technical University " Oil- Gas", Ploiesti, ISSN 1221-9371, vol. LI, - 1999, nr.1, pp. 67-72
- [21] N.Talmaciu, I. MATULEA: Fixed platform riser and the installation of the J-tube. The 23rd National Conference in Solid Mechanics, Ploiesti, 28-29 may 1999, Annals of Technical University " Oil- Gas", Ploiesti, ISSN 1221-9371, vol. LI,- 1999, nr.2, pp. 71- 76
- [22] N.Talmaciu, I. MATULEA . Dynamics response of a Lazy S riser. The 23rd National Conference in Solid Mechanics, Ploiesti, 28-29 may 1999, Annals of Technical University " Oil- Gas", Ploiesti, ISSN 1221-9371, vol. LI, - 1999, nr.1, pp. 65-70
- [23] I.Strat, I. MATULEA. Model testing concerning the pipeline installation by free immersion. The 23rd National Conference in Solid Mechanics, Ploiesti, 28-29 may 1999, Annals of Technical University " Oil- Gas", Ploiesti, ISSN 1221-9371, vol. LI, - 1999, nr.1, pp. 73- 78
- [24] I. MATULEA, S. Caciuc :Numerical simulation of underwater towed vehicle motion. Annals of University "Dunarea de Jos" of Galati, Fascicle X, Applied Mechanics, 1999, pp. 3- 10
- [25] I MATULEA, E.Rusu, L.Crudu, D. Obreja: Sea state determinate using data measurements of wave by satellite. Annals of University "Dunarea de Jos" of Galati, Fascicle XIV, ISSN 1224-56151, 1999, pp. 9- 14
- [26] I.Strat, I. MATULEA, L.Pinho: Dynamic loading of the submarine pipeline installed by free immersion with floating. Annals of University "Dunarea de Jos" of Galati, Fascicule XIV, ISSN 1224-56151, 1999, pp. 33- 36
- [27] I. MATULEA, S. Caciuc: Nonlinear analysis of the motion stability of an underwater towed vehicle. Annals of University "Dunarea de Jos" of Galati, Fascicule XI, Shipbuilding, 1998, pp. 5- 12
- [28] N. Talmaciu, I. MATULEA- Aspects of static analysis of marine flexible risers- Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221-4612- 1998, pp.11-14
- [29] N. Talmaciu, I. MATULEA- The influence of bending stiffness on the static analysis of marine flexible risers- Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221-4612- 1998, pp.15-18
- [33] N.Talmaciu, I.MATULEA, and I.Strat the installing of marine energy cables by using a surface vessel. Annals of University "Dunarea de Jos" of Galati, Fascicle X Applied Mechanics, ISSN 1221-4612- 1998, pp.35-40

PUBLICATIONS IN ROMANIAN INTERNATIONAL CONFERENCE PROCEEDINGS (abstract's review) WITH REFEREES- Total 13, the publications in the last 10 years

- [1] The level of confidence for a bulk-carrier ship. Sandita Pacurar, Dan Obreja, Iordan Maculac, 2007
- [2] António Mourão, Iordan Matulea, António Gonçalves-Coelho. "Consistent tolerancing through the distinct design domains to improve the quality of mechanical products". Proceedings of the 2-nd International Conference of Engineering Graphics and Design" Galati, june 7-10 ROMANIA, pp. 167-170.
- [3] Al. Năstase, I. Matulea. Grafica animată, instrument didactic în studiul cinematic al sistemelor mecanice. Proceedings of the 2-nd International Conference of Engineering Graphics and Design" Galati, june 7-10 ROMANIA, pp. 493-496.
- [4] I.C.Matulea, Lt. Cmdr. Ing. Cristian Pietrosanu, Cpt.Cmdr.ing. Ilie Tudorache. Motion stability analysis of a towed underwater vehicle in horizontal plane. CVM 2002-Timisoara, pp.57-65
- [5] I.Matulea, V.Popa, I.Strat. Pipeline for hydrocarbons transfer in the Black Sea offshore areas. 7th National Symposium " - SINUC, Bucharest, 4-6 October, 2001, pp. 37-47
- [6] I.C.Matulea, Lt.Cmdr.ing.C.Pietrosanu, Cpt.Cmdr.ing. Ilie Tudorache. Stabilitatea miscarii unui obiect plutitor fara propulsie ancorat/remorcat cu o singura linie. Proceedings of 17th International Symposium on Naval and Marine Education NAV-MAR-EDU 2001, Section I: Mechanical Engineering, Constanta, and May 24th -26th, 2001.
- [7] N.Talmaciu,I.MATULEA, E.Rusu. Quasistatics Analysis of a Lazy S riser. 28th International Conference of Technical Military Academy, October 1999, Bucharest, pp.221-226, 1999

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- [8] V.Popa, I.MATULEA. Interaction waves- pipeline during his installation. 28th International Conference of Technical Military Academy, October 1999, Bucharest, pp.289-296.1999
- [9] I.Strat, I.MATULEA. Time dynamic response of a pipeline installed by free immersion. 28th International Conference of Technical Military Academy, October 1999, Bucharest, pp. 105-112

PUBLICATIONS IN ROMANIAN NATIONAL CONFERENCE PROCEEDINGS WITH REFEREES-Total 44, the publications in the last 10 years

- [1] Cpt.Cdmr. Ilie Tudorache, Cpt.Cdmr.Iosif Năstase, Lt.Cdmr. Gabriel Oancea, Research Centre for Navy, Constanța, Prof. Iordan Matulea, University "Dunărea de Jos" of Galați. "Analiza neliniară a stabilității mișcării unui vehicul imers tractat". Conference of Research Centre for Navy, Scientific Bulletin, Year I, Nr.1, Constanța, 2006, pp.56-65
- [2] Cpt.Cdmr. Ilie Tudorache, Cpt.Cdmr.Iosif Năstase, Lt.Cdmr. Gabriel Oancea, Research Centre for Navy, Constanța, Res. Nicoleta Anastasiu, Prof. Iordan Matulea, University "Dunărea de Jos" of Galați. Nicoleta Anastasiu "Stabilitatea mișcării unui plutitor ancorat/remorcat cu o singură linie". Conference of Research Centre for Navy, Scientific Bulletin, Year I, Nr.1, Constanța, 2006, pp.66-71
- [3] Cpt.Cdmr. Ilie Tudorache, Cpt.Cdmr.Iosif Năstase, Lt.Cdmr. Gabriel Oancea, Research Centre for Navy, Constanța, Prof. Iordan Matulea, University "Dunărea de Jos" of Galați. "Stabilitatea mișcării în mari deplasări a unui vehicul imers tractat". Conference of Research Centre for Navy, Scientific Bulletin, Year I, Nr.1, Constanța, 2006, pp.72-76
- [4] V.Popa, I.MATULEA. Forced vibrations of a pipeline installed by a barge with stinger. Mechanical Vibrations National Conference , 1999, Timisoara, vol.1, pp.85-90