



MINISTERUL EDUCAȚIEI
UNIVERSITATEA MARITIMĂ DIN CONSTANȚA

900663, CONSTANȚA, str. Mircea cel Bătrân, nr. 104, ROMÂNIA
Fax: +40-241-617260, Tel: +40-241-664740,
E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



Facultatea de Electromecanică Navală/Departamentul Științe Generale Inginerești
Catedra Științe Generale Inginerești
Examen pentru ocuparea postului poz. 13, de Conferențiar,
Disciplinele: Materials Technology in offshore industry, Desen tehnic și infografică, Știința și
Ingineria Materialelor
Domeniul postului Inginerie Mecanică, Mecatronică și Robotică

LISTA DE LUCRĂRI

Candidat: **Ș.L. Dr. Ing. Bărhălescu Mihaela Luminița, Dr** din 2008, **Ș.L.** din 2003

1⁰ Teza(-ele) de doctorat

T1. Cercetări privind obținerea și analiza structurală a straturilor metalice subțiri rezistente la coroziune, Universitatea Politehnică "Gheorghe Asachi" din Iași, domeniul: Știința și Ingineria Materialelor, 2008

2⁰ Cărți publicate (Ca, Cb, Cc), îndrumare publicate (I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, sisteme de laborator funcționale etc. (D1, D2 etc.), după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice/profesionale.

C1. Bărhălescu M.: Desen Tehnic și Infografică, Editura Nautica, Constanța, 2023, 205 pag, ISBN 978-606-681-171-2

C2. Bărhălescu M.: Știința Materialelor, Editura Nautica, Constanța, 2023, ISBN 978-606-681-174-3

C3. Zidaru N., Bărhălescu M.: "Organe de mașini – Transmisii Mecanice", vol I – Angrenaje, Editura Printech, București, 2004, 250 pagini, ISBN 973-718-129-8.

C4. Bărhălescu M., Zidaru N.: „Geometrie descriptivă și desen tehnic”, vol I, Editura Printech, București, 2004, 135 pagini, ISBN 973-718-089-5.

C5. Zidaru N., Bărhălescu M.: „Toleranțe, ajustaje și măsurători tehnice” Vol.II, Editura Printech București, 2004, 228 pagini, ISBN 973-718-050-X.

C6. Zidaru N., Bărhălescu M.: "Tolerante, ajustaje și măsurători tehnice", Volumul I, Editura Ovidius University Press, Constanta, 2003, 226 pagini, ISBN 973-614-154-3....

C7. Pop D., Pop F., Bărhălescu M.: "Metode de analiză a structurii", Editura Tehnopress, Iași, 2002, 194 pagini, ISBN 973-8048-87-7....

I1. Dumitrache L. C., Barhalescu M. L.: "Știința Materialelor Metalice" – Indrumar de Laborator, Editura Matrix, Bucuresti, 2009, 149 pp, ISBN 978-973-755-495-6

I2. Bărhălescu M.L.: Desen Tehnic și Infografică. Aplicații. Partea I, Editura Nautica, Constanța, 2023, 101 pag, ISBN 978-606-681-172-9

I3. Bărhălescu M.L.: Desen Tehnic și Infografică. Aplicații. Partea II, Editura Nautica, Constanța, 2023, 124 pag, ISBN, , 978-606-681-173-6



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E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



3⁰ Articole/studii publicate: a) în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță (Ris); b) în alte reviste de specialitate de circulație internațională (Rio); c) în reviste din țară recunoscute C.N.C.S.I.S. (Rns); d) în alte reviste de specialitate de circulație națională (Rno); b,c,d-inclusiv indexate în baze de date internaționale recunoscute.

Obs. – Grupe distincte, în ordinea de mai sus.

a) în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanță (Ris);

Ris 1. Ciurca, L; Paun, MA; **Barhalescu, M**; Jarcau, M; Dumitras, C; Corabieru, A; Paun, VA Agop, M; Paun, VP, *Non-Linear Behaviors in the Dynamics of Complex Systems Through a Multifractal Hydrodynamic Model*, University Politehnica of Bucharest Scientific Bulletin- Series A- Applied Mathematics and Physics, Volume 84, Issue 4, Page149-168, 2022, WOS:000897652500015

Ris 2. Rosu, IA ; Paun, MA, ; **Barhalescu, M**; Saviuc, AI ; Jarcau, M; Dumitras, C; Placinta, C; Paun, VA; Agop, M.; Paun, VP, *Bistable-Type Interactions of Complex Systems in a Fractal Paradigm of Motion*, University Politehnica of Bucharest Scientific Bulletin- Series A- Applied Mathematics and Physics/ Volume 84, Issue 3, Page167-176, 2022, WOS:000878183100013

Ris 3. Anda Mihaela Craciun, **Mihaela Luminita Barhalescu**, Maricel Agop, Lacramioara Ochiuz/*Theoretical Modeling of Long-Time Drug Release from Nitrosalicyl-Imine-Chitosan Hydrogels through Multifractal Logistic Type Laws/* 14.98.2019/Computational and Mathematical Methods in Medicine/2019, 1748-670X, <https://doi.org/10.1155/2019/4091464>, DOI: 10.1155/2019/409146

Ris 4. Rusu, CM; Tudose, F ; Paun, MA ; Frasila, M ; **Barhalescu, M**; Ireviciuc, SA ; Paun, VA; Agop, M/ *Lorenz type behaviors associated to fractal-non-fractal transition in the dynamics of the complex systems/* University Politehnica of Bucharest Scientific Bulletin- Series A- Applied Mathematics and Physics/ Volume 81, Issue 4, pp 301-310,2019, WOS:000501894000028

Ris 5. **Barhalescu, Mihaela Luminita**, Petrescu, Tudor-Cristian, Sabau, Adrian: *Thin Nickel Layer Behaviour in Natural Sea*, International Journal of Modern Manufacturing Technologies, pp. 226-233, 2022, ISSN 20673604, DOI 10.54684/ijmmt.2022.14.3.16

Ris 6. Sabau, Adrian; **Barhalescu Mihaela**; Zagan Remus: *Optimizing the Design of an Exploration Underwater Vehicle using Numerical Analysis*, International Journal of Modern Manufacturing Technologies, pp. 16-20, 2022, ISSN 20673604, DOI 10.54684/ijmmt.2022.14.2.226

Ris 7. T C Petrescu, **M L Bărhălescu**, C Ibănescu, M Danu, D Văideanu and E Puiu Costescu/*Liquid Wood Rheology/* IOP Conference Series: Material Science and Engineering, Volume 916, ModTech International Conference - Modern Technologies in Industrial Engineering VIII, 23 - 27 June 2020

Ris 8. **Barhalescu, M**; Ghita, Simona; Petrescu, Tudor-Cristian/ *The risk of liquid wood degradation under the influence of marine factors/* 9th International Conference on Manufacturing Science and Education (MSE) - Trends in New Industrial Revolution Location: Sibiu, Romania Date: Jun 05-07, 2019, Book Series: MATEC Web of Conferences, Volume: 290, Article Number: 12012, DOI: 10.1051/mateconf/201929012012

Ris 9. **Barhalescu, M.L.** ; Jarcau, M.; Poroch-Seritan, M.; et al./ *The behaviour of "liquid wood" when exposed to some physico-chemical factors/* 7th International Conference on Modern



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E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



Technologies in Industrial Engineering (ModTech) Location: Iasi, Romania, Date: Jun 19-22, 2019, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 591 Article Number: 012034 Published: 2019

Ris 10. Raicu, A.; **Barhalescu, M.**; Memet, F./ *Heat transfer original studies-Theory and applications/ 7th International Conference on Modern Technologies in Industrial Engineering (ModTech) Location: Iasi, Romania Date: Jun19-22, 2019, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 591 Article Number: 012066 Published: 2019*

Ris 11. Oanta, E.; Sabau, A.; **Barhalescu, M** / *Calculus of the geometrical characteristics of the sections using CAD/CAE commercial applications/ 6th International Conference on Modern Technologies in Industrial Engineering (ModTech) Location: Constanta Maritime Univ, Constanta, Romania Date: Jun 13-16, 2018, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 400 Article Number: 042042 Published: 2018*

Ris 12. Raicu, A.; Oanta, E.; **Barhalescu, M.**/ *Exploratory analysis regarding the domain definitions for computer based analytical models/ 5th International Conference on Modern Technologies in Industrial Engineering (ModTech) Location: Lucian Blaga Univ Sibiu, Sibiu, Romania Date: Jun 14-17, 2017, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 227 Article Number: 012109 Published: 2017*

Ris 13. Oanta, E ; Panait, C ; Sabau, A ; **Barhalescu, M.** ; Dascalescu, AE / *Assumption tests regarding the 'narrow' rectangles dimensions of the open thin wall sections/ International Conference on Modern Technologies in Industrial Engineering IV (ModTech) Location: Iasi, Romania Date: Jun 15-18, 2016, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 145 Article Number: 082010 Published: 2016*

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Ris 16. Oanta, E ; Panait, C ; Raicu, A ; **Barhalescu, M.** ; Axinte, T/ *Approximation method to compute domain related integrals in structural studies/ 3rd International Conference on Modern Technologies in Industrial Engineering (ModTech) Location: Mamaia, Romania Date: Jun17-20, 2015, Book Series: IOP Conference Series-Materials Science and Engineering Volume: 95 Article Number: 012124 Published: 2015*

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E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



Ris 19. Barhalescu, Mihaela Luminita/ *Comparison of corrosion behavior of thin layers from copper, aluminum and chromium/* ModTech International Conference - Modern Technologies in Industrial Engineering Location: Profess Assoc Modern Mfg Technol, Sinaia, Romania Date: Jun 27-29, 2013, Book Series: Advanced Materials Research Volume: 837 Pages: 247-252 Published: 2014

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Ris 20 Barhalescu, M., *Determining of hardness for superficial layers obtained through electrical sparking,* 6th WSEAS International Conference on Manufacturing engineering, Quality and Production Systems (MEQAPS '13), 1-3 iunie, Brasov, 2013.

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Ris 22 Oanta, E ; Panait, C ; Sabau, A ; **Barhalescu, M.L.;** Axinte, T (Axinte, Tiberiu)/*ideas Regarding The Modeling Of The Behavior Of The Sections Having A Distinct Shear Center/* 23rd International DAAAM Symposium on Intelligent Manufacturing and Automation - Focus on Sustainability Location: Zadar, Croatia Date: Oct 24-27, 2012, Annals Of DAAAM For 2012 & Proceedings Of The 23rd International Daaam Symposium - Intelligent Manufacturing And Automation - Focus On Sustainability Book Series: Annals of DAAAM and Proceedings Volume: 23 Pages: 489-492 Published: 2012

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Ris 24 Barhalescu, Mihaela Luminita; Sabau, Adrian; Oanta, Emil/ *Increasing Wear Resistance Of The Superficial Microalloying Layers/* 23rd International DAAAM Symposium on Intelligent Manufacturing and Automation - Focus on Sustainability Location: Zadar, Croatia Date: Oct 24-27, 2012, Annals Of DAAAM For 2012 & Proceedings Of The 23rd International Daaam Symposium - Intelligent Manufacturing And Automation - Focus On Sustainability Book Series: Annals of DAAAM and Proceedings Volume: 23 Pages: 1015-1018 Published: 2012

Ris 25 Sabau, Adrian; **Barhalescu, Mihaela Luminita;** Oanta, Emil/ *Modeling Of High-Pressure Fuel Injection Systems/* 23rd International DAAAM Symposium on Intelligent Manufacturing and Automation - Focus on Sustainability Location: Zadar, Croatia Date: Oct 24-27, 2012, Annals Of Daaam For 2012 & Proceedings Of The 23rd International DAAAM Symposium - Intelligent Manufacturing And Automation - Focus On Sustainability Book Series: Annals of DAAAM and Proceedings Volume: 23 Pages: 1019-1022 Published: 2012

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Fax: +40-241-617260, Tel: +40-241-664740,
E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



Ris 27 Sabau, A.; Oanta, E.; **Barhalescu, M**/ *Impact Of The Use Of The Modern Methods In The Training Of Marine Engineer Cadets*/ 7th International Conference on Management of Technological Changes Location: Alexandroupolis, Greece Date: Sep 01-03, 2011, Management Of Technological Changes, Book 2 Pages: 421-424 Published: 2011

Ris 28 **Barhalescu, M**; Oanta, E.; Sabau, A./ *Technological Changes Induced By The Thin Superficial Layers Applied On Commonly Used Materials*/ 7th International Conference on Management of Technological Changes Location: Alexandroupolis, Greece Date: Sep 01-03, 2011, Management Of Technological Changes, Book 1 Pages: 457-459 Published: 2011

Ris 29 Dumitrache, Constantin; **Barhalescu, M**; Sabau, Adrian; et al./ *X-Ray Diffraction Analysis At Naval Welded Steel*/ 2nd International Conference on Manufacturing Engineering, Quality and Production Systems Location: Constantza Maritime Univ, Constantza, Romania Date: Sep 03-05, 2010, Advanced Manufacturing Engineering, Quality And Production Systems Book Series: Electrical and Computer Engineering Series Pages: 43-46 Published: 2010

Ris 30 Sabau, Adrian; Dumitrache, Constantin; **Barhalescu, Mihaela**; et al./ *Computer Code For Combustion Modelling In Diesel Engines*/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 617-618 Published: 2009

Ris 31 Oanta, Emil; Dumitrache, Constantin; **Barhalescu, Mihaela**; et al./ *Data Structure Employed In Mechanical Engineering Software Instruments*/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 625-626 Published: 2009

Ris 32 **Barhalescu, Mihaela**; Dumitrache, Constantin; Oanta, Emil; et al./ *Improving Corrosion Resistance Of Metallic Materials By Electrical Discharges In Impulses*/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 675-676 Published: 2009

Ris 33 Oanta, Emil; **Barhalescu, Mihaela**; Sabau, Adrian; et al./ *Application Of A Versatile Data Structure In Computational Fluid Dynamics*/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 759-760 Published: 2009

Ris 34 Sabau, Adrian; **Barhalescu, Mihaela**; Oanta, Emil; et al./ *Simplified Model For Combustion Reactions In Diesel Engine*/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 811-812 Published: 2009

Ris 35 Dumitrache, Constantin; Sabau, Adrian; **Barhalescu, Mihaela**; et al./ *Residual Stresses Measurements At Ultrasonic Submerged Arc Welded Joints*/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 819-820 Published: 2009



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Fax: +40-241-617260, Tel: +40-241-664740,
E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



Ris 36 Dumitrache, Constantin; **Barhalescu, Mihaela**; Oanta, Emil; et al./ *Ultrasonic Influence On Mechanical Characteristics And Metallography For Naval Welded Steel/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium* Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 821-822 Published: 2009

Ris 37 Barhalescu, Mihaela; Oanta, Emil; Sabau, Adrian; et al./ *Internal Stress In Superficial Layers On Carbon Steels/ 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium* Location: Vienna, Austria Date: Nov 25-28, 2009, Annals Of DAAAM For 2009 & Proceedings Of The 20th International DAAAM Symposium Book Series: Annals of DAAAM and Proceedings Volume: 20 Pages: 845-846 Published: 2009

4⁰ Articole/studii publicate în volumele unor manifestări științifice: a) internaționale recunoscute (cu ISSN sau ISBN) din țară și din străinătate (Vi) și b) naționale (Vn), inclusiv cotate ISI sau indexate în baze de date internaționale.

Obs. – Grupe distincte, în ordinea de mai sus.

Vi. 1 Barhalescu, M., Dumitrache, C., Barhalescu, C.: *The study of superficial layers corrosion obtained through electric sparking using copper electrodes*, TQSD 08, Bucuresti, 30-31 oct,2008.

Vi. 2 Dumitrache, C., Comandar, C., **Barhalescu, M.**: *Mechanical Characteristics and metallography of austenitics stainless steel threaded shaft*, 8th International Conference "Research and Development in Mechanical Industry" RaDMI 2008, 14 - 17. September 2008, Užice, Serbia

Vi. 3 Bărhălescu, M., Pascu, R., Dinescu, M.: *Corrosion Protection of Metallic Surfaces by Processing with Impulse Electrical Discharges - Protective coatings and thin films* 07 of E-MRS 2007 Spring Meeting, Strasbourg. 28 mai-1 iunie, 2007.

Vi. 4 Dumitrache, C., Comandar, C., Susan, M., **Barhalescu, M.**: *An Ultrasonic Stress-Relief Method, the Althernative of Thermal Stress-Relief Method at Naval Welded Steel. Mechanical Characteristics and Metallography - 5th International Conference on PhD Students*, pag. 253-256, 2005, ISBN 963 661 673 6 si 963 661 673 7.

Vi. 5 Bărhălescu M., Pop F., Pop D., Dumitrache C., Bărhălescu C.: *Internal Stress in Deposition Layers with Electrical Discharge Method on Carbon Steel – The Romanian – Japanese Workshop – Institutul de Marină Constanța*, 30 iunie – 3 iulie, 1999.

Vi. 6 Dumitrache C., Comandar C., Bărsănescu P., Zidaru M., **Bărhălescu M.**: *Determining Weld Induced Residual Stresses by the Hole-Drilling Strain-Gage Method – The Romanian – Japanese Workshop –Institutul de Marină Constanța*, 30 iunie – 3 iulie, 1999.

Vi 7. Barhalescu M, *Corrosion Resistance of The Layers Obtained by Electrical Sparking With Aluminium and Bronze Electrodes*, Journal of Marine Technology and Enviroment, ISSN 1844-6116, Constanta, vol I I, 2010

Vi 8. Barhalescu M, Dumitrache C., Sabau A., *Structural Analyses by X-Ray Diffraction of Superficial Layers Obtained by Sparking Processes*, Journal of Marine Technology and Enviroment, ISSN 1844-6116, Constanta, vol I, 2010

Vi 9. Barhalescu M, Dumitrache C., Sabau A., *Study Regarding to the Corrosive Action of The Dea Water in The Superficial Layers*, Journal of Marine Technology and Enviroment, ISSN 1844-6116, Constanta, vol I, 2010

Vi 10. Bărhălescu M., Dumitrache C., *The Corrosion Behaviour of Superficial Layers Obtaining by Electrical Discharge Impulses in Sea Water*, Journal of the Technical University Sofia, branch



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Plovdiv, Fundamental Sciences and Applications, Vol 14, 2009 International Conference Engineering, Technologies and Systems, TechSys 2009, Bulgaria

Vn 1. Barhalescu M, Sabau A, *The corrosion behaviour of the chromium coatings in sea water*, Analele U.M.C., ISSN 1582-3601, vol 13, 2010-an 11.

Vn 2.. M. Barhalescu, C. Dumitrache: *Corrosion Resistance of Superficial Layers in Sea Water*, Buletinul Institutului Politehnic din Iasi, Univ. Tehnica Gh. Asachi Iasi, Tomul LVI (LX), Fasc. 4, 2010, sectia Constructii de masini

Vn 3.C. Dumitrache, M. Barhalescu, A. Sabau, C. Comandar: *X-Ray Diffraction Analysis at Ultrasonic Welding*, Analele Universitatii Dunarea de Jos, Galati, Fascicolul IX, Metalurgie si Stiinta Materialelor, 2010

Vn 4.M. Barhalescu, M. Dinescu, R. Pascu: *Study Regarding Gravimetric Corrosion of The Superficial Layers Obtained Through Electrical Discharge*, Analele Universitatii Dunarea de Jos, Galati, Fascicolul IX, Metalurgie si Stiinta Materialelor, 2010

Vn 5.Barhalescu M, Munteanu C., Dumitrache c., Sabau A., *The Effect of The Sea Water as Corrosive Environment on the Superficial Treated Samples*, Journal of marine technology and enviroment, **2009**, Constanta

Vn 6.Bărhălescu M, Dumitrache C., *Improving Corrosion Resistance by Elevation of Electrical Discharge Impulses Using Bronze Electrode*, Buletinul Institutului Politehnic din Iași, , Tomul LI (LV), Fasc. 1, 2009, Secția Știința și Ingineria Materialelor

Vn 7.Barhalescu M., Zagan S., *Corrosion Behaviour of Superficial Layers Obtained Through Impulse Electrical Discharge*, Revista de Coroziune si Protectie Anticoroziva, vol III, 2008, nr. 4

Vn 8.M. Barhalescu, C. Dumitrache, *The Corrosion Resistance of Thin Superficial Layers*, The 9th International Conference on Mechatronics and Precision Engineering „COMEFIN 9” June 2008, Iasi, Romania, Buletinul Institutului Politehnic din Iasi, Section Machine Construction, Tomul LIV (LVIII), Fasc. 4, pg. 117-125, ISSN 1011-2855

Vn 9. Barhalescu, M., Dumitrache, C: *The Study of Superficial Layers Corrosion Obtained Through Electric Sparking Using Copper Electrodes*, Journal of marine engineering and enviroment, ISSN 1844-6116, 2008, Constanta

Vn 10. Dumitrache, C., Sabau, A., **Barhalescu, M.**: *Thermal Stress-Relief Process – Numerical Computational Model*, Journal of marine engineering and enviroment, 2008, Constanta

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Vn 12. M. Barhalescu, C. Dumitrache, *Coatings For Corrosion Protections Of Steel Carbon Obtained Through Impulse Electrical Discharges*, Journal of Marine Technology and Environment, Vol. 1, sept. 2008, pag. 5-10, biannual publication of Constanta Maritime University and its Partners, Editura Nautica, ISSN 1844-6116

Vn 13. Barhalescu Mihaela, Dumitrache Constantin, *Superficial Layers Corrossion Resistance*, pag. 97-100, 2006, Analele Universitatii Maritime, Constanta, ISSN 1582-3601

Vn 14 Bărhălescu M., Pop F., Pop D., Bărhălescu C.: *Cercetări Privind Influența Regimului Energetic de Lucru Asupra Grosimii și Rugozității Straturilor Superficiale Obținute prin Descărcări Electrice în Impulsuri*, – Zilele Academiei Ieșene, Iași, octombrie 1999, ISSN – 1224 – 7499.

Vn 15. Pop F., Pop D., **Bărhălescu M.**, Bărhălescu C.: “Cercetări privind creșterea durității superficiale a oțelurilor hipoeutectoide utilizând descărcarea electrică prin impulsuri produsă cu electrod de grafit” – Zilele Academiei Ieșene, Iași - Octombrie 1996, ISSN – 1224 – 7499.



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UNIVERSITATEA MARITIMĂ DIN CONSTANȚA

900663, CONSTANȚA, str. Mircea cel Bătrân, nr. 104, ROMÂNIA
Fax: +40-241-617260, Tel: +40-241-664740,
E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



Vn 16. Pop F., Pop D., **Bărhălescu M.**, Bărhălescu C.: *Cercetări Privind Durificarea Superficială a Oțelurilor prin Ecrusare cu Bilă Vibratoare – Zilele Academiei Ieșene, Iași - Octombrie 1996, ISSN – 1224 – 7499.*

5⁰ Brevete de invenție(B1, B2 etc.).

6⁰ Proiecte de cercetare-dezvoltare-inovare: a) obținute prin competiție pe bază de contract/grant în țară / străinătate (Pn-naționale, Pi-internaționale); b) alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz.

Obs. – Grupe distincte, în ordinea de mai sus.

Programul/Proiectul	Funcția	Perioada:
Granturi naționale câștigate prin competiție, PLM Adaptor: POSDRU/60/2.1/S/34217, ID 34217	Membru	2009, 2010,2011, 2012
POSDRU/182/2.3/S/154241 "Calificarea este șansa mea!" – 2015	Formator	2015
POSDRU/182/2.3/S/153875 "Vreau să mă calific!" – 2015	Formator	2015
CNFIS-FDI-2019-0783/CALETIC/ Îmbunătățirea calității activității didactice și a deontologiei și eticii academice prin dezvoltarea unor instrumente de integrare a resurselor și infrastructurilor de cercetare și academică/Universitatea Maritima din Constanta/ 2019/8 membri – CNFIS-FDI-2019-0783/CALITEC,2019-	Membru	2019
AG 178/SGU/NC II/ 10.09.2019 Construiește alături de noi!/ 585 184 RON/ 3 ani/11	Expert Grup Țintă	2019-2022
Îmbunatatirea calității activității didactice și respectarea deontologiei și eticii academice în condițiile schimbării de paradigm la predarea în mediul online – CNFIS – FDI-2021 – 0567	Membru	2021
SMIS 133046/ Învață de la cei mai buni! POCU/626/6/13/133046	Membru	2020-2022
Identificator: CNFIS – FDI-2022-0682- Îmbunătățirea calității activității didactice și respectarea deontologiei și eticii academice în mediul online prin platforme indexabile internațional	Membru	2022
POCA/659/2/1/151408, Capacitatea membrilor ONG-urilor pentru implicare activa in luarea deciziilor la nivel local”	Director proiect	2022-2023

7⁰ Creații artistice prezentate la manifestări recunoscute (A1, A2 etc.), precum și, după caz, alte lucrări similare - articole/studii publicate în volumele unor manifestări științifice naționale, lucrări prezentate la diferite seminarii/expoziții și nepublicate (E1, E2 etc.) etc.



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E-mail: info@cmu-edu.eu Web: www.cmu-edu.eu



(1) Fiecare lucrare este prezentată, în limba în care a fost publicată/expusă, corespunzător structurii “ I, II, III, IV, V, VI ”, unde: I este indicativul (T1, T2 etc.; C1, C2 etc. ...), care se scrie “bold” la lucrările realizate după acordarea ultimului titlu didactic/grad profesional (**C1, I1** etc., după caz) și vor fi și/sau „sublinate” cele realizate în ultimii 5 ani (C1, B2 etc.); II - autorii în ordinea din publicație, cu scriere “bold” a **candidatului**; III – *titlul*, scris “italic”; IV - editura sau revista sau manifestarea și/sau alte elemente de localizare, după caz (ISI, Baza de date de indexare, ISSN/ISBN etc.); V - intervalul de pagini din publicație, respectiv, pp ...-..., numărul total de pagini, respectiv, ... pg., sau alte date similare, după caz; VI - anul sau perioada de realizare, după caz.

(2) În cadrul fiecărui grup de lucrări (C1, C2 etc.; I1, I2 etc. ; ...), lucrările sunt în ordine invers cronologică.

Confirm autenticitatea Catedra.....

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