

LISTA DE LUCRĂRI
a cadrului didactic ENESCU FLORENTINA MAGDA

A. Teza de doctorat

Algoritmi si metode de prelucrare a informatiei distribuite prin mijloace multimedia, UPIT Inginerie Electrica si Telecomunicatii, Calculatoare, tehnologia informației, 2008

Algoritmi si metode de prelucrare a informatiei distribuite prin mijloace multimedia, UPIT Inginerie Electrica si Telecomunicatii, Calculatoare, tehnologia informației, 2008

B. Cărți și capitole în cărți publicate în perioada 1990 - 2019

B1. Cărți și capitole în cărți de specialitate internaționale ca autor (cu ISBN extern)

1. Florentina Magda Enescu, Nicu, Bizon Carmen Maria Moraru, *Issues in Securing Critical Infrastructure Networks for Smart Grid Based on SCADA, Other Industrial Control and Communication Systems*, Issues in Securing Critical Infrastructure Networks for Smart Grid Based on SCADA, Other Industrial Control and Communication Systems, Pages 289-324 In Naser Mahdavi Tabatabaei, Sajad Najafi Ravadanegh, Nicu Bizon. Power Systems Resiliency: Modeling, Analysis and Practice. Springer Verlag London Limited, 2018; eBook ISBN 978-3-319-94442-5, Hardcover ISBN 978-3-319-94441-8 <https://www.springer.com/in/book/9783319944418> ISBN/ISSN: 978-3-319-94441-8, 2018, (TC_2_2018_DECIE, TC_5_2018_DECIE)

B2. Cărți și capitole în cărți de specialitate naționale ca autor (cu ISBN intern)

1. Enescu Fl., Popa C, *Inițiere în informatică vol I*, Editura Conphys, ISBN-973-750-030-X, 2006
2. Enescu Fl., *Inițiere în informatică vol II*, Editura Conphys, , ISBN-978-973-750-062-5, Rm. Vâlcea, 2007, 2007
3. Săvoiu GH, Enescu Fl., . Săvoiu S, *Unele aspecte manageriale specifice proiectelor cu finanțare europeană*, Studii și cercetări de economie rurală, Experiență în proiectele de cercetare pentru agricultură și dezvoltare rurală, Academia Română – Iași, Editura TERRA NOSTRA, 2009, pp. 165-186, ISSN 1842-6247, ISBN: 978-973-1888-43-9, 2009
4. Enescu Fl., *Cybercriminalitatea*, In onore: George Antoniu – Culegere de studii juridice, Ed. Sitech Craiova 2009, ISBN 978-606-530-496-3 / culegere texte, pp. 159-165, 2012, (TC_8_2012_DECIE, TC_8_2012_DECIE)
5. Enescu Fl, Moraru C., *Informatica aplicata*, Editura Universității Pitești, 2016, pag. 467, 2016, ISBN-978-606-560-491-9, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)
6. Enescu Fl., Hoarca C., *Grafica asistata de calculator*, Editura Matrix Rom, ISBN 978-606-25-0388-8, București, 2018 / Pg.118, 2018, (TC_2_2018_DECIE, TC_10_2018_DECIE)

B5. Manuale didactice, suport de curs

1. Enescu Fl., *Comunicare.Note de curs*, , 2013
2. Enescu Fl., *Informatica industrială - note de curs*, , 2013
3. Enescu Fl., *Prelucrare grafică asistată de calculator.Note de curs*, , 2016
4. Enescu Florentina Magda, *Sisteme avansate de baze de date - suport de curs*, , 2018
5. Enescu Florentina Magda, *Baze de date - suport de curs*, , 2018
6. Enescu Florentina Magda, *Managementul proiectelor de cercetare-dezvoltare - suport de curs*, , 2018

B6. Îndrumare de laborator, culegere de probleme

1. Enescu Fl., *Baze de date – aplicații*, Editura Conphys, ISBN-978-973-950-061-8, Rm. Vâlcea, 2007 / 125 pg., 2012

2. Enescu Fl., *Aplicații introductive în limbajul C*, Editura Matrix Rom, ISBN 978-606-25-0037-5, București, 2013 / Pg.181, 2013, 2013
3. Enescu Fl., *Inițiere în HMI/SCADA – Aplicații*, Editura Universității Pitești, 2015, pag. 185, 2015, ISBN-978-606-560-425-4, 2015
4. Enescu Fl., *Prelucrare grafică asistată de calculator. Lucrări de laborator*, , 2016
5. Enescu Florentina Magda, *Baze de date - îndrumar de laborator*, , 2018
6. Enescu Florentina Magda, *Sisteme avansate de baze de date - îndrumar laborator*, , 2018

C. Lucrări (articole) ISI / BDI publicate în perioada 1990 - 2019

C1. Articole în reviste cotate ISI Thomson Reuters

1. Savoiu G, Manea C, Iorga-Siman V, Enescu FM, Cudanov M, Jasko O, Jasko A, A *CORPORATE MODEL OF SIMILITUDE FOR SMEs REUNION INTO A CORPORATION, VIEWED FROM THE ANGLE OF PHYSICAL THOUGHT, AND ITS COMPLEX ECONOMIC AND SOCIAL IMPACT*, Savoiu, G; Manea, C; Iorga-Siman, V; Enescu, FM; Cudanov, M; Jasko, O ; Jasko, A, A corporate model of similitude for smes reunion into a corporation, viewed from the angle of physical thought, and its complex economic and social impact, journal , Amfiteatru Economic Journal - Volume XIII , No. 29, ISSN 1582-9146, 10-27 pag., IF=0,757, FEB 2011WOS:000286525100002, 2012, (TC_6_2012_DECIE, TC_6_2012_DECIE)
2. Nicu Bizon, Alin Gheorghita Mazare, Laurentiu Mihai Ionescu, Florentina Magda Enescu, *Optimization of the Proton Exchange Membrane Fuel Cell Hybrid Power System for Residential Buildings*, Energy Conversion and Management 2018;163:22–37;impact factor 6.377, Q1, 1 May 2018WOS:000431837400003 <https://www.sciencedirect.com/science/article/pii/S0196890418301286>, 2018, (TC_1_2018_DECIE, TC_9_2018_DECIE)

C2. Articole în volume indexate ISI Proceedings

1. Enescu FM, Savoiu G, *Studies and researches on the interpretation of visual images in educational management*, Florentina Magda Enescu and Gheorghe Savoiu. Studies and Researches on the Interpretation of Visual Images in Educational Management. In ed. : Constantin Oprean, Norbert Grunwald, Claudiu Vasile Kifor (eds.), Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education. Conference proceedings: Sibiu, 2009 Sibiu: LBUS Sibiu, Romania, 15 - 17 October, 2009, 2, pp. 611-614. Editura Universitatii " Lucian Blaga" din Sibiu, 2009, ISBN 978-973-739-848-2, 2009WOS:000273607900126, 2009
2. Enescu FM, Savoiu G, *Some results of the practical experiments using new methods of working with images in direct relation to their texture analysis*, Enescu, F-M., Savoiu, G., Some Results of the Practical Experiments Using New Methods of Working with Images in Direct Relation to Their Texture Analysis. In ed. : Constantin Oprean, Norbert Grunwald, Claudiu Vasile Kifor (eds.), Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education. Conference proceedings: Sibiu, 2009 Sibiu: LBUS Sibiu, Romania, 15 - 17 October, 2009, 1, pp. 244-248. Editura Universitatii " Lucian Blaga" din Sibiu, 2009, ISBN 978-973-739-848-2, 2009. WOS:000273607900052, 2009
3. Jurian M, Lita I, Enescu F, Visan D A, *A Comparative Study of the Methods for Image Processing Using Texture Characteristics*, Jurian, M; Lita, I; Enescu, F; Visan, DA, A Comparative Study of the Methods for Image Processing Using Texture Characteristics Edited by: Mastorakis, NE; Demiralp, M; Mladenov, V; Bojkovic, ZPROCEEDINGS OF THE 8TH WSEAS INTERNATIONAL CONFERENCE ON APPLIED INFORMATICS AND COMMUNICATIONS, PTS I AND IIBook Series: Recent Advances in Computer EngineeringPages: 216-221Published: 2008ConferenceConference: 8th WSEAS International Conference on Applied Informatics and CommunicationsLocation: Rhodes, GREECEDate: AUG 20-22, 2008WOS:000265456100034, 2012, (TC_9_2012_DECIE, TC_9_2012_DECIE)
4. Savoiu G, Enescu FM, *Multi-disciplinary modelling knowledge as a pragmatic solution in engineering and business education*, Gheorghe Savoiu and Florentina Magda Enescu. Multi-Disciplinary Modeling Knowledge as a Pragmatic Solution in Engineering and Business Education. In ed. : Constantin Oprean, Norbert Grunwald, Claudiu Vasile Kifor (eds.), Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business

Education. Conference proceedings: Sibiu, 2009 Sibiu: LBUS Sibiu, Romania, 15 - 17 October, 2009, 1, pp. 219-224. Editura Universitatii " Lucian Blaga" din Sibiu, 2009, ISBN 978-973-739-848-2, 2009. WOS:000273607900046 International Conference (CV BALKAN REGIONAL CONFERENCE ON ENGINEERING AND BUSINESS EDUCATION & ICEBE, Lucian Blaga Univ, Sibiu, ROMANIA, OCT 15-17, 2009), VOLS I AND II), pag. 219-224, 2009, 2012, (TC_6_2012_DECIE, TC_6_2012_DECIE)

5. Manea Constantin, Enescu Florentina Magda, *Proposal for Developing a Text Editing Checking Software Material Based on a Complex Contrastive Lexicographic Database*, Manea, Constantin; Enescu, Florentina Magda, A Proposal for Developing a Text Editing Checking Software Material Based on a Complex Contrastive Lexicographic Database, Conference: ECAI 2013 - International Conference on Electronics, Computers and Artificial Intelligence, Location: Univ Pitesti, Pitesti, ROMANIA Date: JUN 27-29, 2013, pg. 115-118 vol 5, IEEE Xplore 178-1-4673-4935-2, vol 5 nr. 2 ISSN -1843, WOS:000343672500048, 2013, (TC_6_2013_DECIE, TC_6_2013_DECIE)

6. Dumitru Cazacu; Enescu, Florentina Magda, Cristian, Castravete Stefan, *Numerical problems in 3D FEM simulation of harmonic magnetic fields*, Dumitru Cazacu; Enescu, Florentina Magda, Cristian, Castravete Stefan, Numerical problems in 3D FEM simulation of harmonic magnetic fields Conference: ECAI 2013 - International Conference on Electronics, Computers and Artificial Intelligence. Location: Univ Pitesti, Pitesti, ROMANIA Date: JUN 27-29, 2013, pp.43-46, IEEE Xplore 178-1-4673-4935-2 WOS:000343672500042, 2013, (TC_9_2013_DECIE, TC_12_2013_DECIE, TC_9_2013_DECIE, TC_12_2013_DECIE)

7. F. M. Enescu, Cosmin Știrbu C, A.I. Liță, *Image search algorithms*, Enescu F. M., Știrbu Cosmin, Ioan, LA, "Image search algorithms. Visual processing and query databases after the color descriptor", ECAI 2015 - International Conference – 7th Edition, Electronics, Computers and, Artificial Intelligence, 25 June -27 June, 2015, Bucharest, ROMÂNIA, Volume 1, pp. P35-P40, WOS:000370971100113., 2015, (TC_2_2015_DECIE, TC_6_2015_DECIE, TC_2_2015_DECIE, TC_6_2015_DECIE)

8. Florentina-Magda ENESCU, Cosmin ȘTIRBU, Valeriu IONESCU, *SCADA network system for the monitoring and control of an electrical installation supplied by a hydro-generator*, Florentina-Magda ENESCU, Cosmin ȘTIRBU, Valeriu IONESCU, SCADA network system for the monitoring and control of an electrical installation supplied by a hydro-generator, SOCO 2016, 11th International Conference on Soft Computing Models in Industrial and Environmental Applications, 19th – 21st October, 2016, SAN SEBASTIAN, SPAIN, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado Springer: ISBN 978-3-319-47363-5 ISBN 978-3-319-47364-2 (ebook) SCADA network system for the monitoring and control of an electrical installation supplied by a hydro-generator, SOCO2016 (11th International Conference on Soft Computing Models in Industrial and Environmental Applications, SAN SEBASTIAN, SPAIN, 19th – 21st October 2016), volumul conferinței, pp. 156-166, (BDI SPRINGER), 2016 WOS:000405330000016, 2016, (TC_9_2016_DECIE, TC_9_2016_DECIE)

9. Valeriu Manuel Ionescu, Cosmin Știrbu, Florentina Magda Enescu, *Using the Phone's Light Sensor to Detect the TV Video Stream*, Valeriu Manuel Ionescu, Cosmin Știrbu, Florentina Magda Enescu International Joint Conference SOCO'16-CISIS'16-ICEUTE'16 International Conference on European Transnational Education ICEUTE 2016, 19th – 21st October, 2016, San Sebastian, Spain, edited by Manuel Graña, José Manuel López-Guede, Oier Etxaniz, Álvaro Herrero, Héctor Quintián, Emilio Corchado Springer: ISBN 978-3-319-47363-5 ISBN 978-3-319-47364-2 (ebook) ICEUTE2016, (7th International Conference on European Transnational Education ICEUTE 2016, San Sebastian, Spain, 19th – 21st October, 2016), volumul conferinței, pp. 785-794, (BDI SPRINGER), 2016 WOS: 000405330000078, 2016, (TC_13_2016_DECIE, TC_13_2016_DECIE)

10. Florentina Magda Enescu, Marinescu, C.-N., Ionescu V., Știrbu C., *System for monitoring and controlling renewable energy sources*, ECAI 2017 - International Conference – 9th Edition Electronics, Computers and Artificial Intelligence 29 June -01 July, 2017, Targoviste, ROMÂNIA ISBN:978-1-5090-6458-8 ISSN: 2378-7147 WOS:000425865900059 DOI: 10.1109/ECAI.2017.8166443, 2017, (TC_10_2017_DECIE)

11. Enescu Fl, N. Bizon, *SCADA applications for Electric Power System, Reactive Power Control in AC Power Systems*, Enescu Fl, N. Bizon Reactive Power Control in AC Power Systems: Fundamentals and Current Issues Editor(s) name(s): Naser Mahdavi Tabatabaei & Ali Jafari

Aghbolaghi & Nicu Bizon & Frede Blaabjerg Cap. 15 SCADA applications for Electric Power System, Reactive Power Control in AC Power Systems: Fundamentals and Current Issues, Springer-2017 DOI: 10.1007/978-3-319-51118-4 ISBN: 978-3-319-51118-4; 978-3-319-51117-7 ISSN: 1612-1287 WOS: 000418032900017, 2017, (TC_10_2017_DECIE, TC_10_2017_DECIE)

12. Alexandru Nițu, Cosmin Știrbu, Alexandru Ene, Florentina Magda Enescu, *Traffic management system*, ECAI 2017 - International Conference – 9th Edition Electronics, Computers and Artificial Intelligence 29 June -01 July, 2017, Targoviste, ROMÂNIA WOS: 000425865900054 DOI: 10.1109/ECAI.2017.8166438, 2017, (TC_10_2017_DECIE)

13. V. M. Ionescu, D. Cazacu, F. M. Enescu, J. M. Lopez-Guede, *System using a hybrid application for virtual reality 3D drawing*, 2017: System using a hybrid application for virtual reality 3D drawing, V. M. Ionescu, D. Cazacu, F. M. Enescu, J. M. Lopez-Guede 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Targoviste, 2017, pp. 1-6. doi: 10.1109/ECAI.2017.8166500 ISBN: 978-1-5090-6458-8 ISSN: 2378-7147 WOS: 000425865900116, 2017, (TC_14_2017_DECIE)

C3. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale

1. Savoiu G, Manea C, Iorga-Siman V, Enescu FM, Cudanov M, Jasko O, Jasko A, *Un model de corporație axat pe teoria similitudinii imurilor, din unghiul de vedere al gândirii fizicii și impactul lui complex economic și social*, Journal Original language ; Romanian, Volume 13, Issue 29, 2011, Pages 10-27 (BDI: Scopus), 2011, (TC__DAT, TC__DAT)

2. L. Bănică, F. Smaranda, C. Ștefan, F. Enescu, *Virtualization platforms: a comparative Approach*, Buletin științific B+ 2008 Matematică-Informatică, 2012, (TC_9_2012_DECIE, TC_9_2012_DECIE)

3. L. Banica, C. Ștefan, D. Rosca, F. Enescu, *Moving from Learning Management Systems to the e-Learning Cloud*, Banica L., Ștefan C., Rosca D., Enescu F., Moving from learning management system s to the e-learning cloud. AWER Procedia Information Technology & Computer Science. [Online]. 2013, Global Journal on Technology, Vol 04, pp 865-874. Available from: www.awer-center.org/pits3 rd World Conference on Innovation and Computer Science (INSODE-2013), Antalya, Turkey, 26-29 Aprilie 2013, ISSN: 2147-5369 <http://www.world-education-center.org/index.php/P-ITCS/article/viewFile/2727/2131>, 2013, (TC_6_2013_DECIE, TC_6_2013_DECIE)

4. Enescu FI, Cazacu D, *A Study of comparative evaluation of methods for image processing using color features*, International Conference (Automatic Control, Modelling and Simulation ACMS'13, Brasov, Romania, june 1-3, 2013, ISBN: 978-1-61804-189-0), ISSN: 1790-5117, pp.395-400, (BDI: Scopus), 2013 <http://www.worldses.org/review/index.html>, 2013, (TC_6_2013_DECIE, TC_6_2013_DECIE)

5. Teodorescu Mihaela, Enescu FI, *Virtual instrument for time display in any contry of the globe*, Scientific Bulletin of Electrical Engineering Faculty, „VALAHIA” UNIVERSITY OF TÂRGOVISTE, No.1, ISSN 1843-6188, CNCSIS B+, Index COPERNICUS, pages 29-34, <http://www.buletinfie.ro/en/numere2013-1/articol%206%20buletin%201%202013.pdf>, 2013, (TC_6_2013_DECIE, TC_2_2013_DECIE, TC_6_2013_DECIE, TC_2_2013_DECIE)

6. Eugen Diaconescu, Florentina Magda Enescu, *A laboratory infrastructure for the evaluation of the use of multi-agent technologies in industrial SCADA systems*, International Conference on Mechanical Engineering, Robotics and Aerospace (ICMERA 2014), October 24-27, 2014, Bucharest, ISSN: 2378-7147, ISBN: 978-1-4673-6647-2 (Applied Mechanics and Materials), Volumul 656, pag. 432-441 (BDI: Scopus), 2014 Applied Mechanics and Materials Submitted: 2014-08-14 ISSN: 1662-7482, Vol. 656, pp 432-441 Revised: 2014-08-15 doi: 10.4028/www.scientific.net/AMM.656.432 Accepted: 2014-08-16 © 2014 Trans Tech Publications, Switzerland Online: 2014-10-27, 2014, (TC_9_2014_DECIE, TC_9_2014_DECIE)

7. Carmen-Elena Petrea, Cosmin Știrbu, Florentina Enescu, *Software application for database management in a transport company*, Software application for database management in a transport company, University of Pitesti Scientific Bulletin (Series: Electronics and Computers Science, Pitesti,

2016), Vol. 16, Issue 2, pg. 1-6, (BDI Copernicus), 2016, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)

8. Arnold Konrad Siposs, Cosmin Știrbu, Florentina Enescu, *Software application for exploring a virtual solar system*, University of Pitesti Scientific Bulletin (Series: Electronics and Computers Science, Pitesti, 2016), Vol. 16, Issue 1, pg. 25-28, (BDI Copernicus), 2016, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)

9. Elena-Georgiana Deaconu, Cosmin Știrbu, Florentina Enescu, *Software application for managing students admission to the university*, University of Pitesti Scientific Bulletin (Series: Electronics and Computers Science, Pitesti, 2016), Vol. 16, Issue 1, pg. 7-10, (BDI Copernicus), 2016, 2016, (TC_6_2016_DECIE, TC_6_2016_DECIE)

10. Carmen Maria Moraru, Iuliana Stefan, Ovidiu Balteanu, Ciprian Bucur, Nicolae Sofilca, Gabriel Ionescu, Maria Alexandra Retevoi, Florentina Enescu, *Monitoring and analysis of the turbodetentor operating system from cryogenic distillation plant using labview software*, International Journal (International Journal of Advanced Research (IJAR) ISSN 2320-5407A CrossRef Indexed Journal THOMSON REUTERS Researcher ID: B-4980-2016), Volume 4, Issue 6, 1-6, Impact Factor: 5.336, IC Value 56.43, (BDI: Google Scholar, CAS, DOAJ, Copernicus International Ltd, Poland, Cite Factor, Scribd, CrossRef, Science Library Index, scientific World Index, ROAD Directory of Open Access Scholarly Resources, COPAC, Root Indexing, National Library of Medicine, MEDLINE/PubMed Data Element, ResearchGate, Pakistan Academic Research (Growing Knowledge for Feature), Electronic journal library, Academic Journals Database, MIAR 2014 LIVE; Information Matrix for the Analysis of Journals,), 2016, 2016, (TC_9_2016_DECIE, TC_9_2016_DECIE)

11. Enescu, F.-M., Marinescu, A.-I., Chita, M.-A., Gaf-Deac, I.I., Marinescu, C.-N., *Smart clothes for monitoring temperature, heart rate, respiratory rate and humidity and state of confort*, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, Albena, Bulgaria, 2017Scopus17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-12-6 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 61, 967-976 pp, DOI: 10.5593/sgem2017/61/S25.127, 2017, (TC_10_2017_DECIE)

12. Andrei Cirstea, Florentina Magda Enescu, Nicu Bizon, Cosmin Stirbu and Valeriu Manuel Ionescu, *Blockchain Technology Applied in Health The Study of Blockchain Application in the Health System (II)*, ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore. DOI: 978-1-5386-4901-5/18/\$31.00 ©2018 IEEE, 2018, (TC_10_2018_DECIE)

13. Florentina Magda Enescu, Nicu Bizon, Andrei Cirstea and Cosmin Stirbu, *Blockchain Technology Applied in Health. The Study of Blockchain Application in the Health System (I)*, ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore. DOI: 978-1-5386-4901-5/18/\$31.00 ©2018 IEEE, 2018, (TC_10_2018_DECIE)

14. Alexandru Nitu, Cosmin Stirbu and Florentina Magda Enescu, *Mobile application for a smart city*, ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore DOI: 978-1-5386-4901-5/18/\$31.00 ©2018 IEEE, 2018, (TC_10_2018_DECIE)

15. Valeriu Manuel Ionescu and Florentina Magda Enescu, *The implementation of a software system for detecting a pattern in an ambient light sensor data stream*, ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore. DOI: 978-1-5386-4901-5/18/\$31.00 ©2018 IEEE, 2018, (TC_10_2018_DECIE)

16. Gheorghe Grigoras, Nicu Bizon, Florentina Magda Enescu, José Manuel López Guede, Guadalupe Flores Salado, Raymond Brennan, Connie O'driscoll, Megersa Dinka and Mohamed Gar Alalm, *ICT based Smart Management Solution to Realize Water and Energy Savings through Energy Efficiency Measures in Water Distribution Systems*, ECAI 2018 - International Conference – 10th Edition Electronics, Computers and Artificial Intelligence, 28 June -30 June, 2018, Iasi, ROMÂNIA, indexata IEEE Xplore. DOI: 978-1-5386-4901-5/18/\$31.00 ©2018 IEEE, 2018, (TC_10_2018_DECIE)

17. Enescu Florentina – Magda, Hoarcă Cristian, Dumitrache Mihaela, *The study algorithms for the identification of the figures*, 17th International Multidisciplinary Scientific GeoConference SGEM 2018, www.sgem.org, SGEM2018 , Albena, Bulgaria, ScopusDOI: 10.5593/sgem2018/61/S25.127, 2018, (TC_10_2018_DECIE)
18. Ioan Cristian Hoarcă, Florentina Magda Enescu, Nicu Bizon, *Energy efficiency for renewable energy application*, Renewable Energy Sources and Clean Technologies 17th International Multidisciplinary Scientific GeoConference SGEM 2018, www.sgem.org, SGEM2018 , Albena, Bulgaria, ScopusDOI: 10.5593/sgem2018/61/S25.127, 2018, (TC_18_2018_DECIE)
19. Cristian Ioan Hoarcă, Florentina Magda Enescu, *On the energy efficiency of standalone fuel cell/renewable hybrid power sources Part II: Simulation results for variable load profile with different renewable energy sources profiles (RES)*, 14h International Conference on Applied and Theoretical Electricity UNIVERSITY OF CRAIOVA – Faculty of Electrical Engineering CRAIOVA, ROMANIA, October 4-6, 2018 IEEE Xplore: 29 November, 2018, (TC_18_2018_DECIE)
20. Cristian Ioan Hoarcă, Florentina Magda Enescu, *On the energy efficiency of standalone fuel cell/renewable hybrid power sources Part I: Simulation results for constant load profile without RES power*, 14h International Conference on Applied and Theoretical Electricity UNIVERSITY OF CRAIOVA – Faculty of Electrical Engineering CRAIOVA, ROMANIA, October 4-6, 2018 IEEE Xplore: 29 November 2018, 2018, (TC_18_2018_DECIE)

F. Granturi / proiecte de cercetare în perioada 1990 - 2019

F2. Granturi / proiecte câștigate prin competiție națională

1. SOFTEXPRESS Valcea (Enescu F.M.)+ Universitatea din Craiova, *Conducerea activitatii academice la Universitatea din Craiova folosind sisteme de gestiune baze de date distribuite*, InfosocNr.27/26.10.2001 Directorcastigat prin competitieAdeverinta, 2002

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**Cadrul didactic ENESCU FLORENTINA MAGDA
Semnătura**