



ISI Proceedings

- 1. Aldea, C.C., Olariu, C. Selecting the optimal software solution under conditions of uncertainty, 2nd World Conference on Business, Economics and Management (BEM) Location: Antalya, TURKEY, Book Series: Procedia Social and Behavioral Sciences, Volume: 109, Pages: 333–337, 2014;
- 2. Anastasiadis, A.S., Mosoarca, M., Mazzolani, F.M. Cyclic and Strain Rate Local, 7th European Conference on Steel and Composite Structures, EuroSteel 2014, Napoli, Italia, 10-12 septembrie 2014, pp. 599-600 Abstract volume, ISBN: 978-92-9147-121-8; 2014;
- 3. Andreescu, I., Gaivoronschi, V., Micle, D., Vuicin, L., Mosoarca, M. The Hidden Landscape. Complex Assesment of the Historic Park of Banloc, Romania, RICH 2014 (RICH 2014 Robotics: Innovation for Cultural Heritage), Venetia, Italia, 2014;
- 4. Andreescu, I., Gaivoronschi, V. The Banloc Castle. The rebirth of a landscape park, 2nd International conference on Protection of historical constructions, PROHITECH'14, Antalia, Turcia, 2014;
- 5. Ardelean, E; Ardelean, M; Harau, C; Crisan, E, Researches on the production of self-reducing briquettes from waste containing iron and carbon, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Wuhan, 5 pag., 2014;
- 6. Ardelean, E, Ardelean, M., Josan, A., Pinca-Bretotean, C. Contribution on the influence of steel ladle processing (LF) upon the nitrogen removal rate, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Wuhan, 5 pag., 2014;
- 7. Baba, M., Lascu, C., Boldea, I. et al. Parallel and series 4 Switch Z-Source converters in induction motor drives. IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA, Date: MAY 22-24, 2014, Pages: 639-646, 2014;
- 8. Balint, C., Budura, G. System Model for Performance Evaluation VAMOS Downlink Transmission. IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22-24, 2014, Pages: 796-801, 2014;
- Bordeasu, I., Popoviciu, M. O., Mitelea, I., Ghiban, B., Ghiban, N., Sava, M., Duma, S. T., Badarau, R. Correlations between mechanical properties
 and cavitation erosion resistance for stainless steels with 12% Chromium and variable contents of Nickel, Conference:International Conference
 on Applied Sciences, China, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 57, Article Number: 012006, 2014;
- 10. Bordeasu, I., Popoviciu, M. O., Mitelea, I., Ghiban, B., Ghiban, N. Cavitation erosion resistance of two steels with the same percentage of Chromium and Nickel but different Carbon content, International Conference on Applied Sciences Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 57, Article Number: 012007, 2014;
- 11. Bordeasu, I., Mitelea, I., Jurchela, A. D., Oanca, O. Microstructure and cavitation erosion resistance for stainless steels with 12 % CHROM and variable Nickel concentrations, Conference: 22nd International Conference on Metallurgy and Materials (METAL), Brno, CZECH REPUBLIC, Pages: 742–747, Published: 2014;
- 12. Bordeasu, I., Oanca, O., Mitelea, I., Craciunescu, C. Phenomenology of degradation by cavitation for heat treated Cu-Al-Ni-Fe Bronzes, Conference: 22nd International Conference on Metallurgy and Materials (METAL), Brno, CZECH REPUBLIC, pages: 1561–1566, Published 2014;
- 13. Chioreanu, C. Upon Power Loses Due to Current Harmonics in a Fotovoltaic System, Opperating at Maximum Power Point, International Conference on Materials Science, Machinery and Energy Engineering, Location: Hong Kong, PEOPLES R CHINA, Book Series: Advanced Materials Research, Volume: 853, Pages: 352–357, Published: 2014;
- 14. Chioreanu, C.; Babescu, M., On Optimal Functioning of the Aeolian Electro-Power Systems, International Conference on Materials Science, Machinery and Energy Engineering, Location: Hong Kong, PEOPLES R CHINA, Book Series: Advanced Materials Research, Volume: 853, Pages: 345–351, Published: 2014

Research Report \$

- 15. Davidescu, C.M., 15th International Conference on Polymers and Organic Chemistry (POC-2014) Preface, PURE AND APPLIED CHEMISTRY, Volume: 86, Issue: 11, Pages: 1619-1619, Published: NOV 2014;
- 16. Demetrescu, B., Isopescu, B., Mosoarca, M. A Study of Retrofitting Traditional Shingles and Shakes Roofs on Historical Buildings, PROHITECH'14 Proceedings of 2nd International Conference on Protection of Historical Constructions, 7–9 mai 2014, Antalya, Turcia, ISBN NUMBER: 9789755183619, pp.95–99, 2014;
- 17. Dobra, A. Technical Education: Digital And Analogical Aspects Of Communication, Conference: 3rd World Conference on Educational Technology Researches (WCETR) Location: Antalya, TURKEY, Book Series: Procedia Social and Behavioral Sciences, Volume: 131, Pages: 426-431, Published: 2014;
- 18. Draganescu, G.E., Todea, C. New signal analysis methods for laser Doppler flowmetric recordings, 5th International Conference on Lasers in Medicine Biotechnologies Integrated in Daily Medicine Location: Timisoara, Book Series: Proceedings of SPIE, Volume: 8925, Article Number: 89250M, Published: 2014;
- 19. Draghici, A. Albulescu, C.T. Tamasila, M. Entrepreneurial attitude as knowledge asset: its impact on the entrepreneurial activity in Europe, 2ND WORLD CONFERENCE ON BUSINESS, ECONOMICS AND MANAGEMENT, Antalya, 5 pag., Published 2014;
- 20. Duran, V. Gogan, L. M., Financing of a Business, în A. I. Iacob (Ed.), 2nd WorldConference on Business, Economics and Management, (BEM), Procedia, Social and Behavior Sciences Journal (ISSN 1877 0428), vol. 109, pp. 375 379, January 2014;
- 21. Duran, V., Popescu, A. D. The challenge of multicultural communication in virtual teams, în Andreea Iluzia Iacob (editor), 2nd World Conference on Business, Economics and Management (BEM), Procedia Social and Behavior Sciences Journal (ISSN 1877-0428), Volume109, pp. 365-369, Published 2014;
- 22. Filipovici, A., Mnerie, A.V., Badescu, D., Bota, M., Maris, S., Baesu, V.; Slavici, T.; Ungureanu, D. Agribussiness Projects Assessment Using Cost-Benefit AnalyseS, 42nd International Symposium on Agricultural Engineering Location: Opatija, CROATIA Date: FEB 25-28, 2014, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 42, Pages: 439-445, Published: 2014;
- 23. Frigura-Iliasa, F.M., Rancov, S., Bungescu, S.T. Automatic Control Of A Cereal Conveyor Bands, 42nd International Symposium on Agricultural Engineering Location: Opatija, CROATIA Date: FEB 25–28, 2014, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 42, Pages: 327–334, Published: 2014;
- 24. Ghera, C.R., Mitelea I., Bordeasu, I., Oanca O. V. Reduction of Cavitation Erosion of the Bronze Cual10ni5fe 2.5mn1 By Laser Treatment, Conference: 22nd International Conference on Metallurgy and Materials (METAL), Brno, CZECH REPUBLIC, Date: MAY 21–23, 2014;
- 25. Gogan, M. L., Popescu, A. D., Duran, V. Misunderstandings between cross-cultural members within collaborative engineering teams, 2ndWorld Conference on Business, Economics and Management (BEM), Procedia—Social and Behavior Sciences Journal (ISSN 1877 0428), vol. 109, pp. 370–374, Published 2014;
- 26. Halbac-Cotoara-Zamfir, R., A View on Land Degradation and Desertification Issues, 42nd International Symposium on Agricultural Engineering Location: Opatija, CROATIA Date: FEB 25–28, 2014, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 42, Pages: 25–33, Published: 2014;
- 27. Halbac-Cotoara-Zamfir, R. Changes in Agricultural Water Demands for Western Romania, 42nd International Symposium on Agricultural Engineering Location: Opatija, CROATIA, Date: FEB 25–28, 2014, Book Series: Actual Tasks on Agricultural Engineering-Zagreb, Volume: 42, Pages: 35–45, Published: 2014;
- 28. Holotescu, C., Cretu, V., Grosseck, G. Microblogging architecture and scenarios for learning in mobile groups. Procedia Social and Behavioral Sciences, Volume 143, 14 August 2014, Pages 1158—1163. 3rd Cyprus International Conference on Educational Research, CY-ICER 2014, 30 January 1 February 2014, Lefkosa, North Cyprus; 2014;





- 29. Holotescu, C., Cretu, V., Grosseck, G, Danciu, E. The power of the three words and one acronym: OER vs OER, 6th World Conference on Educational Sciences (WCES), Malta, Procedia Social and Behavioral Sciences Elsevier ScienceDirect, ISSN 1877–0428, Published 2014;
- 30. Holotescu, C., Grosseck, G., Cretu, V., Naaji, A. Integrating MOOCs in Blended Courses. 10th International Scientific Conference eLearning and Software for Education, Bucharest, ROMANIA, ISSN 2066 026X, Published 2014;
- 31. Holotescu, C., Perifanou, M., Andone, D., Grosseck. G. Exploring OERs and MOOCs for Learning of EU Languages. Proceedings of the International Conference SMART 2014 Social Media in Academia: Research and Teaching, Sept, Timisoara, Romania, 2014;
- 32. Holotescu, C., Pepler, G. Opening up education in Romania. Proceedings of the International Conference SMART 2014 Social Media in Academia: Research and Teaching, Sept, Timisoara, Romania, 2014;
- 33. lordan, A.E. Panoiu, M, A new approach in the design of an interactive environment for teaching Hamiltonian digraphs, Proceedings of INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Wuhan, 7 pag., 2014;
- 34. Macaveiu, A., Nafornita, C., Isar, A., Campeanu, A., Nafornita, I. A Method for Building the Range–Doppler Map for Multiple Automotive Radar Targets, 11th International Symposium on Electronics and Telecommunications (ISETC), 2014, 14–15 Nov. 2014, Timisoara, Romania, pp. 151–156, ISBN 978–1-4799–7266–1 IEEE Xplore, 2014;
- 35. Mateas, M., Gheorghiu, I. Consideration about objective measurement in the study of the individual resilience, 2nd World Congress on Resilience/ From Person to Society Location: Timisoara, ROMANIA Date: MAY 08–10, 2014, Pages: 1065–1069, Published: 2014;
- 36. Mischie, S. On Acoustic Source Localization in a Reverberant Environment based on Image Method, IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22–24, 2014, Pages: 886–891, Published: 2014;
- 37. Mitelea, I., Bordeasu, I., Katona, S.E. Influence of the Solution Treatment Temperature Upon The Cavitation Erosion Resistance for 17–4 PH Stainless Steels, Conference: 22nd International Conference on Metallurgy and Materials (METAL), Brno, CZECH REPUBLIC, Pages: 208–213, Published 2014;
- 38. Mnerie, A. V., Mnerie, D., Huţanu, A., Mnerie, G. V. Wired electrical erosion of hard and superhard metal components of agricultural equipment, Proceedings of the 42 International Symposium on Agricultural Engineering "Actual Tasks on Agricultural Engineering", Opatija, Croatia, 25–28 February 2014, ISSN 1848–4425, pg. 77–82; 2014; Published 2014;
- 39. Mosoarca, M., Gioncu†, V., Anastasiadis, A., Petrus, C. Applications of the Consolidation Methods Developed in the "PROHITECH" Research Program. Consolidation of Historic Wood Churches from Banat Seismic Region, Romania, PROHITECH'14 Proceedings of 2nd International Conference on Protection of Historical Constructions, 7–9 mai 2014, Antalya, Turcia, ISBN NUMBER: 9789755183619, pp.681–687, Published 2014;
- 40. Mosoarca, M., Gioncut, V., Anastasiadis, A., Petrus, C, Seismic Failure Modes Developed by Romanian Orthodox Churches, PROHITECH'14, Proceedings of 2nd International conference on Protection of Historical Constructions, 7-9 mai 2014, Antalya, Turcia, ISBN NUMBER: 9789755183619, pp.837-842, Published 2014;
- 41. Mosoarca, M., Andreescu, I. Seismic Vulnerability Assessment of Historical Masonry Complex Buildings of Banat Region, Romania, PROHITECH'14 Proceedings of 2nd International conference on Protection of Historical Constructions, 7–9 mai 2014, Antalya, Turcia, ISBN: 9789755183619, pp. 846–849, Published 2014;
- 42. Mosoarca, M., Petrus C., Stoian V., Anastasiadis, A. Seismic risk of buildings with RC frames and masonry infills from Timisoara, Banat Region, Romania, 9th International Mansonry Conference in Guimaraes, Portugalia, 2014, pp: 512, Paper ID MIE6, ISBN 978-972-8692-85-8; 2014;

Research Report \$

- 43. Mosoarc, a M., Anastasiadis A., Petrus C., "Structural analysis of synagogues from Timisoara, Romania", Proc. 9th International Conference on Structural Analysis of historical Constructions, SAHC 2014, Program & abstracts, ISBN 042014102011495500102, pp. 120, Mexico City, Mexic, 15–17 Octombrie 2014; Published 2014;
- 44. Nafornita, C., Isar, A. Wavelet Based Contrast Enhancement for Still Images, 11th International Symposium on Electronics and Telecommunications (ISETC), 2014, 14–15 Nov. 2014, Timisoara, Romania, pp. 265–268, ISBN 9781479972661;
- 45. Nafornita, C., Isar, A. Estimating directional smoothness of images with the aid of the hyperanalytic wavelet packet transform, Signals, Circuits and Systems, International Symposium on IEEE Xplore, Iasi, Romania, ISBN 9781479931934, Published 2014;
- 46. Nafornita, C., Isar, A., Nelson, J. D. B. Regularised, semi-local Hurst estimation via generalised lasso and dual-tree complex wavelets" IEEE International Conference on Image Processing ICIP 2014, Paris, France, pp. 2689–2693, ISBN: 9781479957507, Publishe 2014;
- 47. Nafornita, C., Macaveiu, A., lasar, A., Nafornita, I., Campeanu, A. Envelope Detector with Denoising to Improve the Detection Probability, May 29–31, 2014, Bucharest, 10th International Conference on Communications, COMMUNICATIONS 2014 IEEE Xplore, pp 59–64, Publishe 2014;
- 48. Negru, R; Marsavina, L; Filipescu, H, Evaluation of generalized MTS criterion for mixed-mode fracture of polyurethane materials, ADVANCES IN FRACTURE AND DAMAGE MECHANICS XII, Sardinia, 4 pag., Published 2014;
- 49. Partene, E., Stoian, V., Mosoarca, M., Fekete-Nagy, L. Cyclic in-plane experimental tests for evaluation of shear capacity of brick masonry walls, 9th International Mansonry Conference in Guimaraes, Portugalia, 2014, pp. 395, Paper ID 1621, ISBN 9789728692858, Published 2014;
- 50. Panoiu, M., Panoiu, C., Iordan, A., Ghiormez, L. Artificial neural networks in predicting current in electric arc furnaces, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Wuhan, 7 pag., Published 2014;
- 51. Popescu, A. D., Suciu, S., Raoult M.G. Intercultural competences in collaborative teams, 7th International Conference on Interdisciplinary in Engineering, (INTER-ENG Conference) Procedia Technology Journal, ISSN 2212-0173, Vol. 12/2014, pp. 577-582, Published 2014;
- 52. Precup, R.E.; Radac, M.B., Dragos, C.A., Preitl, S., Petriu, E.M. Model-Free Tuning Solution for Sliding Mode Control of Servo Systems, 8th Annual IEEE Systems Conference (SysCon), Ottawa, CANADA Date: MAR 31-APR 03, 2014, 2014 8TH ANNUAL IEEE SYSTEMS CONFERENCE (SYSCON) Book Series: Annual IEEE Systems Conference, Pages: 30-35, Published: 2014;
- 53. Salcianu L., Bordeasu I., Mitelea I., Micu L. M. Cavitation Erosion Resistance of some Stainless Steels after Mechanical Hardening, Conference: 22nd International Conference on Metallurgy and Materials (METAL), Brno, CZECH REPUBLIC, Date: MAY 21–23, 2014; Published 2014;
- 54. Socalici, A., Popa, E., Heput, T., Vilceanu, L. Contributions related to the control of steel ingot solidification, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Wuhan, 5 pag., Published 2014;
- 55. Socalici, A., Popa, E., Heput, T., Putan, V. Contributions to steel semi-finished parts quality improvements, INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Wuhan, OCT, 4 pag., Published 2014
- 56. Stratul, SI; Sinescu, C; Negrutiu, M; de Sabata, A; Rominu, M; Ogodescu, A; Rusu, D, On the reliability of the holographic method for measurement of soft tissue modifications during periodontal therapy, FIFTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE: BIOTECHNOLOGIES INTEGRATED IN DAILY MEDICINE, Timisoara, 7 pag., Published 2014;
- 57. Tucu, D., The behaviour of willow stems by cutting in nurseries, Actual Tasks on Agricultural Engineering, Proceedings, Opatija, Croatia, ISSN 13332651, p. 405-413, Published 2014;
- 58. Tucu, D., Filipovici, A., Controlled stems cutting module for SRC Nurseries, Actual Tasks on Agricultural Engineering, Proceedings, Opatija, Croatia, ISSN 13332651, p. 397–404, Published 2014;





- 59. Turc, C.G., Belgiu, G., Carausu, C. Modular Tooling System for Ultrasonic Assisted Cutting, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING, Sinaia, Romania, 5 pag., Published 2014;
- 60. Turc, C.G; Belgiu, G. Fuzzy Logic Applications in Flanges Manufacturing, MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING, Sinaia, Romania, 5 pag., Published 2014;
- 61. Tutelea, L. N., Boldea, I., Deaconu, S. I. Parameter Optimal Identification of Dual Three Phase Stator Winding Induction Machine, IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22–24, 2014, Pages: 231–238, Published: 2014;
- 62. Tutelea, L., Moldovan (Popa), A.; Boldea, I. 50/100 kW, 1350-7000 rpm (600 Nm peak torque, 40 kg) PM assisted Reluctance synchronous machine: optimal design with FEM validation and vector control, IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) Location: ROMANIA Date: MAY 22-24, 2014 Pages: 276-283, Published: 2014
- 63. Ursu, D., Shamsi, P., Fahimi, B., Boldea, I. 5 phase BLDC-MRM: Design, Control, FEA and Steady-State Operation Experiments.; IEEE Conference: International Conference on Optimization of Electrical and Electronic Equipment OPTIM) Location: ROMANIA Date: MAY 22–24, 2014 Pages: 354–361, Published: 2014;
- 64. Vasiu, R., Andone, D., Mocofan, M., Holotescu, C. Using Web2.0 for higher education teacher training in Romania. Proceedings of the International Conference SMART 2014 Social Media in Academia: Research and Teaching, Sept, Timisoara, Romania, 2014;
- 65. Zmiyevskiy Y, Mnerie A.V., Mnerie D., Totorean A.F., Researches for capitalization at a higher quality of the whey, 42th International Symposium "Actual Tasks on Agricultural Engineering", Opatija, February 2014, ISSN 1848-4425, pg. 231-240; 2014;