

LISTA DE LUCRĂRI

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A. Teze de doctorat

1. Contribuții la aerodinamica interioară a compresoarelor axiale. Academia Tehnică Militară Facultatea Blindate și Aviație, București, 27.01.2000, Doctor în Inginerie Aerospațială
2. Managementul crizelor pe piețele financiare emergente. O abordare cibernetică. Academia de Studii Economice, Facultatea de Cibernetică, Statistică și Informatică Economică, București, 02.12.2003, Doctor în Cibernetică și Statistică Economică.

B. Cărți publicate

1. **Boșcoianu, M.**, Stanciu, V., Management strategic în aviația modernă, Ed Printech 2016, 164p, ISBN 978-606-23-0698-4
2. Cioacă, C., **Boșcoianu, M.**, Managementul resurselor informaționale în condiții de incertitudine, Ed. Academiei Forțelor Aeriene, Brașov, 123p, 2015, ISBN 978-606-8356-32-7;
3. Stanciu, V., **Boșcoianu, M.**, Sisteme de propulsie pentru aeronavele militare, Vol.I, Ed. Academiei Forțelor Aeriene, Brașov, 2011, 211p., ISBN 978-973-8415-91-1;
4. **Boșcoianu, M.**, Managementul acțiunii militare, Ed. Academiei Forțelor Aeriene, Brașov, 2008, 278p., ISBN 978-973-8415-60-7;
5. **Boșcoianu, M.**, Metode cantitative în managementul acțiunii militare, Ed. Didactică și Pedagogică R.A., București. 2008, 265p, ISBN 978-973-30-2394-4;
6. Popescu, D., Băcanu, G., Manolea G., Yfantis, D K., **Boșcoianu, M.** (editors), Environmental Problems and Development. Proceedings of the International Conference on Natural hazards (NAHA08). 2008, ISSN 1790-5095, ISBN 978-960-474-023-9;
7. Prelipcean, G., **Boșcoianu, M.**, Managementul financiar al evenimentelor de risc extrem, ISBN 97330-1540-7, Ed. Didactică și Pedagogică R.A., București, 538p, 2006;
8. **Boșcoianu, M.**, Prelipcean, G., Lupan, M., Investițiile străine directe în economiile emergente și adaptarea multinaționalelor în contextul globalizării, ISBN 973-30-1520-2, Ed. Didactică și Pedagogică R.A., București, 286p, 2006;
9. **Boșcoianu, M.**, Prelipcean, G., Lupan, M., Introducere în macroeconomia financiară dinamică, ISBN 973-30-1521-0, Ed. Didactică și Pedagogică R.A., București, 312 p., 2006;
10. **Boșcoianu, M.**, Rotaru, C., Procese aerotermogazodinamice în compresoarele axiale ale motoarelor turboreactoare, Ed. Academiei Tehnice Militare, București, 170p., 2002, ISBN 973-8290-53-8;
11. Stanciu, V., **Boșcoianu, M.**, Pompajul compresoarelor cinetice, Ed. MPM Edit Consult, București, 176p., 2002, ISBN 973-85689-2-7;
12. Stanciu, V., **Boșcoianu, M.**, Sisteme de propulsie combinate, Ed. MPM Edit Consult, București, 2002, ISBN 973-85689-2-7;
13. Rotaru, C., **Boșcoianu, M.**, Teoria motoarelor aeroreactoare, Ed. Academiei Tehnice Militare, București, 2002, ISBN 973-8290-52-X;
14. Petrescu, A., **Boșcoianu, M.**, Fenomene instabile în funcționarea compresoarelor, Ed. VIS Print, București, 2000, ISBN 973-99924-2-0;

C.1. Articole/ studii publicate în reviste cotate ISI

1. **Boscoianu, M.**, Prelipcean, G., Lupan, M., Innovation enterprise as a vehicle for sustainable development- A general framework for the design of typical strategies based on enterprise systems engineering, dynamic capabilities, and option pricing, Journal of Cleaner Production vol 172, p3498-3507
2. **Boscoianu, M.**, Ceocea, C, THE MIFID 2 REGULATIVE FRAMEWORK AND IMPLEMENTING CHALLENGES- THE IMPACT OF COLLABORATIVE PROJECTS IN THE CASE OF ROMANIA, 10 th International Conference on Education and New Learning Technologies IATED 2018, Palma, Mallorca, Spain 2-7 July 2018
3. Adrian MURARU, **Mircea BOSCOIANU**, Andrei LUCHIAN, A critical analysis regarding modeling and simulating the future Air Traffic Flow and Capacity Management problems Part 1: Route Challenges, RMEE 2018
4. Adrian MURARU, **Mircea BOSCOIANU**, Andrei LUCHIAN, A critical analysis regarding modeling and simulating the future Air Traffic Flow and Capacity Management problems Part 2: Airport Challenges
5. Mihai Victor Pricop, **Mircea Boşcoianu**, Marius Gabriel Cojocaru, Alexandru Dumitrache, Airfoil optimization based on low fidelity flow models, ICNPAA 2018, Erevan, Armenia
6. Balos, D., Cioaca, C, **Boscoianu, M.**, Solutions to improve decision making process for dynamic allocation of resources in military pre- conflict environments, 8th International Conference on Manufacturing Science and Education MSE 2017 (publ 2018)
7. Prisacariu, **Boscoianu**, Cîrciu, The effect analysis of the morphing concept on the small swept flying wings, 8th International Conference on Manufacturing Science and Education MSE 2017(publ 2018)
8. Pricop, MV, Cojocaru, MG, Stoica, CI, Niculescu ML, Neculaescu, AM, Persinaru, AG, **Boscoianu, M**, Gilde back Booster Wind Tunnel Model Testing, Proc of the International Conf on Numerical Analysis and Applied Mathematics ICNAAM 2016 (Publ 2017)
9. German, AM, Sarbu, FA, **Boscoianu, M.**, A real options and joint ventures perspective for strategic decision making process in the case of dynamic industrial environments, 4th International Conference on Computing and Solutions in Manufacturing Engineering CoSME 2016 (Publ 2017)
10. Lakatos, E.S., Greenley, M., Bacali, L., **Boşcoianu, M.**, Vaida, R., The Potential of Renewable Energy in the Republic of Moldova: A Case Study, Applied Mechanics & Materials , 2016, Vol. 841, p.91-96. 6p.;
10. **Boşcoianu, M.**, Cioacă C., Vlădăreanu, V., Boşcoianu C.E., An Active Support Instrument for Innovation in Deep Uncertainty – The Strategic Management Ingredients in Robotics and Mechatronics, International Conference on Communications, management, and Information technology (ICCMIT'2015), Procedia Computer Science, Volume 65, 2015, Pages 210-217;
11. **Boşcoianu, M.**, Prelipcean, G., Calefariu, E., Lupan, M., Innovative Instruments for SME Financing in Romania - a New Proposal with Interesting Implications on Markets and Institutions, Procedia Economics and Finance, Volume 32, 2015, p. 240-255, Emerging Markets Queries in Finance and Business 2014, EMQFB 2014, 24-25 October 2014, Bucharest, Romania;
12. Ivan, P., **Boşcoianu, M.**, Prelipcean G., Cioaca C., Cozorici, A. N., A new framework for crisis intervention based on the mix between dynamic capabilities and portfolios of real options, In 2nd International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM2015, Book 2, Vol. 3, No. SGEM2015 Conference Proceedings, 2015, ISBN 978-619-7105-48-3 / ISSN 2367-5659;
13. V. Prisacariu, **M. Boşcoianu**, I. Cîrciu, R. Lile, "Aspects Regarding the Performances of Small Swept Flying Wings Mini UAV-s in Aggressive Maneuvers", Applied Mechanics and Materials, Vol. 811, pp. 157-161, 2015
14. E. Calefariu, T. A. Buda, **M. Boşcoianu**, G. Prelipcean. "Special Investment Vehicles for Hybrid Financing of SMEs in Domain of Manufacturing Engineering", Applied Mechanics and Materials, Vols. 809-810, pp. 1559-1564, 2015



15. C. Cioaca, S. Pop, E. C. Boscoianu, **M. Boşcoianu**, "Aerial Infrared Thermography: A Scalable Procedure for Photovoltaics Inspections Based on Efficiency and Flexibility", *Applied Mechanics and Materials*, Vol. 772, pp. 546-551, 2015
16. V. Prisacariu, E.C. Boşcoianu, I. Cîrciu, **M. Boşcoianu**, "The Limits of Downsizing - A Critical Analysis of the Limits of the Agile Flying Wing MiniUAV", *Applied Mechanics and Materials*, Vol. 772, pp. 424-429, 2015;
17. Cioaca, C., Constantinescu, C. G., **Boşcoianu, M.**, Lile, R., Extreme Risk Assessment Methodology (Eram) In Aviation Systems, *Environmental Engineering & Management Journal (EEMJ)*, 2015, 14(6);
18. Prelipcean, G., **Boşcoianu, M.**, A Hybrid Framework for SME Financing Based on the Mix between Governmental Support and the Use of a Specialized Investment Fund in the Actual Context of a Slow Recovery after Crises and Turbulences. *Procedia Economics and Finance*, 2015, 15, p.738-745;
19. Prelipcean, G., **Boşcoianu, M.**, Lupan, M., Nastase, C. E., Innovative Financing Solutions Based On Venture Capital And Private Equity To Support The Development Of Entrepreneurship In Romania. *Transformation in Business & Economics*, 2014, Vol. 13 Issue 3C, p331-347;
20. Calefariu, E., **Boşcoianu, M.**, Smarandache, F., Buda, T. A., Neutrosophic Modeling of Investment Architectures. In *Applied Mechanics and Materials* (Vol. 657, pp. 1011-1015). Trans Tech Publications, 2014, October;
21. Cioaca, C., **Boşcoianu, M.**, Model of Assessing the Impact of Rare Events in Aviation Security Investments Projects. In *Applied Mechanics and Materials*, Vol. 555, pp. 11-17, 2014, June;
22. Cioaca, C., **Boşcoianu, M.**, Applications of Real Options Analysis in Aviation Security Investments. In *Applied Mechanics and Materials*, Vol. 436, p. 32-39, 2013, December;
23. **Boşcoianu, M.**, Boscoianu, E. C., Flexible Integration of Enterprise Resources Planning in the Case of Roumanian Public Reasearch and Development Strategy. In *Applied Mechanics and Materials*, Vol. 436, p. 571-577, 2013, December;
24. Prisacariu, V., **Boşcoianu, M.**, Cîrciu, I., Morphing wing concept for small UAV. In *Applied Mechanics and Materials*, Vol. 332, pp. 44-49, 2013, August;
25. **Boşcoianu, M.**, Cioacă, C., Rău, C. G., Cîrciu, I., Concerted Systems for Increasing the Survivability of the Aircraft against Terrorist Threats. In *Applied Mechanics and Materials*, Vol. 325, pp. 756-760, 2013, July;
26. Prelipcean, G., **Boşcoianu, M.**, Aspects regarding the impact of the "Rabla" program and the "Casa Verde" program on the ecological consumption in Romania, *Amfiteatrul Economic Jour.* 14(31), 2012, p.25-37;
27. Cioaca, C., **Boscoianu, M.**, Considerations on Decisions Making Process under the Risk of Terrorism. In *Advanced Materials Research*, Vol. 463, pp. 1002-1005, Trans Tech Publications, 2012, February;
28. **Boşcoianu, M.**, Prelipcean, G., The creation of flexible special purpose vehicles (PPP-Equity-Fund) architectures for stimulating of innovative SMEs, *The 7th International Conference on Business Excellence*, 2012;
29. Prisacariu, V., **Boscoianu, M.**, Cîrciu, I., & Rau, C. G., Applications of the Flexible Wing Concept at Small Unmanned Aerial Vehicles. In *Advanced Materials Research*, Vol. 463, pp. 1564-1567, Trans Tech Publications, 2012, February;
30. Prelipcean, G., **Boşcoianu, M.**, Risk management and policy interventions on migration and remittances, *Proceedings of the International Conference on Risk Management, Assessment and Mitigation, RIMA10*, ISBN 978-960-474-182-3, ISSN 1790-2769;
31. Oprescu, G., Mihalcea, M., Prelipcean, G., **Boşcoianu, M.**, Risk management in different monetary policy. The importance of issuing money in order to cover primary budget deficit,

- Proceedings of the International Conference on Risk Management, Assessment and Mitigation, RIMA10, ISBN 978-960-474-182-3, ISSN 1790-2769;
32. Prelipcean, G., **Boşcoianu, M.**, Risk assenting Public Private Partnerships (PPP) for infrastructure in the recovery after the global crisis, Proceedings of the International Conference on Risk Management, Assessment and Mitigation, RIMA 10, ISBN 978-960-474-182-3, ISSN 1790-2769;
 33. Prelipcean, G., **Boşcoianu, M.**, Moisescu, F., New ideas on the artificial intelligence support in military applications, in Recent Advances in Artificial Intelligence. Knowledge Engineering and Data Bases, AIKED'10, ISBN 978-960-474-154-0, ISSN: 1790-5109;
 34. **Boşcoianu, M.**, Prelipcean, G., Mihalcea, M., An econometric framework for determining the influences of socio economic activities on natural environment, Metalurgia International, vol XV (2010), Special Issue 1/2010, ISSN 1582-2214;
 35. Prelipcean, G., **Boşcoianu, M.**, The impact of innovation on supporting SMEs performances in crisis situations, Metalurgia International, vol XV (2010), No 5/ 2010, p. 78-83, ISSN 1582- 2214;
 36. Prelipcean, G., **Boşcoianu, M.**, Mihalcea, M., Sima, M., Lupan, M., An Econometric Model for Determining the Aggregated influences of Socio-Economic Activities on Carbon Emissions. 4th International Conference on Business Administration ICBA 10, Cambridge, 20- 22 Feb 2010;
 37. Prelipcean, G., **Boşcoianu, M.**, Mihalcea, M., An Analysis of the New Role of Innovation in Turbulent Economic Environments, 4th International Conference on Business Administration ICBA 10, Cambridge. 20-22 Feb 2010;
 38. Prelipcean, G., **Boşcoianu, M.**, Optimal Investment Strategies for SMEs in the Aftermath of the Global Crisis, 4th International Conference on Business Administration ICBA 10, Cambridge, 20-22 Feb 2010;
 39. Prelipcean, G., Moisescu, F., **Boşcoianu, M.**, Ciufudean, C., Cioban, G., A Hybrid Trading System for Defense Procurement Applications, in Simulation, Modeling and Optimization SMO'09, Budapest , Hungary, 2009, p. 173-178;
 40. Ratiu, I., Carstea, C., Patrascu, L., Plesea, D., **Boşcoianu, M.**, Fuzzy modeling economics, in Simulation, Modeling and Optimization SMO'09, Budapest, Hungary, 2009;
 41. Prelipcean, G., **Boşcoianu, M.**, Patents, Academic Globalization and the Life Cycle of Innovation. Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education, 15-17 October 2009, Lucian Blaga University of Sibiu, Romania;
 42. Prelipcean, G., **Boşcoianu, M.**, Innovation, Technological Change and Labor saving in the Aftermath of the Global Crisis, Balkan Region Conference on Engineering and Business Education & International Conference on Engineering and Business Education, 15-17 October 2009, Lucian Blaga University of Sibiu, Romania;
 43. Delion D.S., **Boşcoianu, M.**, Reduced width in cluster emission processes, Romanian Journal of Physics, 54. no 3-4 (2009), www.nipne.ro/rip_index.htm 1, ISSN 1221-146X;
 44. **Boscoianu, M.**, Emerging Research Directions for Modeling the Impact, Short Time Recuperation and Long Term Recovery in the Case of Natural Hazards. Environmental Problems and Development, p. 14-15; p 174-179, ISSN 1790-5095, ISBN 978-960-474-023-9
 45. Molder, C., **Boşcoianu, M.**, Arhip, J., Stanciu M.I., Vizitiu, I., Feature Sets based on Fuzzy Reasoning for Automatic Sea Floor Characterization. Non-linear Systems. Simulation. Wavelets, WAMUS'08, 2008, ISBN 978-960-474-023-9;
 46. Molder, C., **Boşcoianu, M.**, Arhip, J., Stanciu, M.I., Vizitiu, I., Decisional fusion for improved automatic license plate recognition. Non-linear Systems. Simulation. Wavelets: WAMUS'08, 2008, ISBN 978960-474-023-9;

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47. **Boşcoianu, M.**, Molder, C., Arhip, J., Stanciu, M.I., Automatic subbottom characterization based on visual features. ID 602-270. International Conference on Mathematical Methods. Computational Techniques. Non Linear Systems, Intelligent Systems, Corfu, Greece, Oct. 20-22, 2008, ISSN 1790-2769, p. 234-239;
48. **Boşcoianu, M.**, Molder, C., Arhip, J., Stanciu, M.I., Improved automatic number plate recognition system. ID602-277. WSEAS International Conference on Mathematical Methods, Computational Techniques, Non Linear Systems. Intelligent Systems. Corfu, Greece. Oct. 20- 22, 2008, ISSN 1790-2769, p. 240-245;
49. **Boşcoianu, M.**, Rotaru, C., Pahonie, R., Popoviciu, N., Fuiorea, I., A method to predict the flapping wing MAV global aerodynamic performances. New Aspects of Fluid Mechanics and Aerodynamics, 6th IASME International Conference on Fluid Mechanics and Aerodynamics (FMA08), Rhodes, Greece, August 20-22, 2008, ISSN 1790-5095, ISBN 978-9606766-98-5;
50. **Boşcoianu, M.**, Coman, A., Pahonie, R., The optimization of CUMULUS micro aerial vehicle aerodynamics by using the adaptive flexible wing concept. New Aspects of Fluid Mechanics and Aerodynamics. 6th IASME International Conference on Fluid Mechanics and Aerodynamics (FMA08) Rhodes, Greece, August 20-22, 2008, ISSN 1 790-5095, ISBN 978-9606766-98-5;
51. Rotaru, C., Barbu, C., **Boşcoianu, M.**, Some aspects regarding possible improvements in the performances of the aircraft engines, New Aspects of Fluid Mechanics and Aerodynamics, 6th IASME International Conference on Fluid Mechanics and Aerodynamics (FMA08) Rhodes, Greece, August 20-22, 2008, ISSN 1790-5095, ISBN 978-960-6766-98-5;
52. Prelipcean, G., **Boşcoianu, M.**, Some aspects regarding the dynamic correlations between different types of strategic investments in Romania after integration, ID 589-543, Mathematics and Computers in Business and Economics MCBE08, Bucharest, Romania, June 24-26, 2008, ISBN: 978-960-6766-76-3, ISSN: 1790-5109;
53. Prelipcean, G., **Boşcoianu, M.**, Computational framework for assessing decisions in energy investments based on a mix between real option analysis ROA and artificial neural networks ANN, ID 589-558, Mathematics and Computers in Business and Economics MCBE08, Bucharest, Romania, June 24-26, 2008, ISBN: 978-960-6766-76-3, ISSN: 1790- 5109;
54. Prelipcean, G., **Boşcoianu, M.**, Popoviciu, C., The role of predictability of financial series in emerging market applications, ID 589-615, Mathematics and Computers in Business and Economics MCBE08, Bucharest, Romania, June 24-26, 2008, ISBN: 978-960-6766-76-3, ISSN: 1790-5109;
55. **Boşcoianu, M.**, Axente, C., Pahonie, R., Some aspects regarding the cooperative control problem for flying wing air vehicles. Computational Methods and Intelligent Systems, 10 th Int. Conference on Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE'08), Sofia, Bulgaria, May 2-4, 2008, ISSN 1790-5117, ISBN 978-960-6766-60-2;
56. **Boşcoianu, M.**, Pahonie, R., Coman, A., Some aspects regarding the adaptive control of a flying wing micro air vehicle with flexible wing tips. Computational Methods and Intelligent Systems. 10 th Int. Conference on Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE'08), Sofia, Bulgaria, May 2-4, 2008, ISSN 1790-5117, ISBN 978-9606766-60-2;
57. Coman , A., Axente, C., **Boşcoianu, M.**, The simulation of the adaptive systems using the MIT rule. Computational Methods and Intelligent Systems, 10 th Int. Conference on Mathematical Methods and Computational Techniques in Electrical Engineering (MMACTEE'08), Sofia, Bulgaria, May 2-4, 2008, ISSN 1790-5117, ISBN 978-960-6766-60-2;
58. **Boşcoianu, M.**, Prelipcean, G., An Analysis of the Innovative Financial Support of Space-Defence Investments, RAST07, 3rd International Conference on Istanbul, Turcia, ISBN: 1-4244-1057-6;

59. **Boşcoianu, M.**, Arghiropol, A., Coman, A., Cycling loading effect on a solid propellant engine performances. 5th IASME International Conference on Fluid Mechanics and Aerodynamics (FMA07) Athens, Greece, August 25-27, 2007;
60. Coman, A., **Boscoianu, M.**, Arghiropol, A., CFD Cheeck-up study of a solid propellant rocket engine internal pressure and performance under random nozzle diameter change, 5th IASME International Conference on Fluid Mechanics and Aerodynamics (FMA07) Athens, Greece, August 25-27, 2007;
61. Coman, A., **Boscoianu, M.**, "An Analysis of the Mixing and Diffuse Burning Processes in the Afterburning Chamber of a Scramjet" Journal publication World Scientific and Engineering Academy and Society, TRANSACTIONS ON FLUID MECANICS, issue 5, vol.1, May 2006, p. 520-525, ISSN: 1790-5087;

C2. Articole/ studii publicate in reviste indexate în baze de date internationale

1. Stika, L.A., Vilag, V.A., **Boşcoianu, M.**, Megherelu, G., Numerical study of heat transfer in turbulent flows, with application, Review of the Air Force Academy No 3 (30) 2015, DOI: 10.19062/1842-9238.2015.13.3.13;
- 2..A. Gheorghiu, **M. Boşcoianu**, "A Statistical Review on the Decision about the Fighter Pilot's Ejection In Romanian Air Force", Applied Mechanics and Materials, Vol. 811, pp. 390-394, 2015
- 3..L. A. Stika, **M. Boşcoianu**, V. A. Vilag, I. Porumbel, "Numerical Simulation Method for Velocity Sensors Calibration in High Speed Flows", Applied Mechanics and Materials, Vol. 811, pp. 194-198, 2015
4. Pricop, M.V., Cojocaru, M.G., Niculescu, M.L., **Boşcoianu, M.**, Earth Reentry Tool for Preliminary Mission Analysis, INCAS Bulletin 7.2 (2015): 123-127
- 5.Pricop, M.V., Cojocaru, M.G., Fadgyas, M.C., **Boşcoianu, M.**, Signal processing and analysis in a buffet onset wind tunnel campaign, INCAS Bulletin 7.2 (2015): 129-136;
6. Gheorghiu, A., **Boşcoianu, M.**, Survivability rate among pilots in case of ejection, INCAS Bulletin 7.2, 2015, p. 147-152;
- 7.**Boşcoianu, M.**, Prelipcean, G., Lupan, M. (2014). Aspects regarding the effectiveness of innovative solutions for early stage SMEs financing in emerging markets, *Management & Marketing*, 9(2);
- 8.Prisacariu, V., **Boscoianu, M.**, & Luchian, A. (2014). Innovative solutions and UAS limits. *Review of the Air Force Academy*, (2), 51;
- 9.Prisacariu, V., Cîrciu, I., **Boscoianu, M.** (2012). Flying wing aerodynamic analysis. *Review of the Air Force Academy*, (2), 31.
- 10.Anastasei, T., Boscoianu, M., Mihaita, M., & Necas, P. (2011). Aspects regarding the role of air force in combating global terrorism. *Science & Military Journal*, 6(1), 75.
- 11Pirnuta, O. A., Necas, P., Boscoianu, M., & Secarea, D. N. (2011). The Impact of Technological Synergy on the Military Management in the Context of Transformation. *Science & Military Journal*, 6(2), 20.
- 12.Cîrciu, I., Boscoianu, M., & Szabo, S. (2010). Some aspects regarding the flight dynamics and stability of quad-rotors micro aerial vehicles. *Science & Military Journal*, 5(1), 31.
- 13.Circiu, I., Dinea, S., **Boşcoianu, M.**, Review of the contributions regarding Coandă effect. Review of Air Force Academy, The Scientific Informative Review No 2/ 2009, ISSN 1842- 9238;
- 14.Circiu. I. Pahonie. R., Boscoianu, M, Considerations about the micro propeller design and it's interaction with the aerodynamic surfaces. Review of Air Force Academy. The Scientific Informative Review No 1 2009, ISSN 1842- 9238
- 15.Prelipcean G. **Boscoianu M**, Synergic Financing Strategies for Investments in Space fechnology in the Aftermath of the Global Crisis, 60 th I AC International Astronaut ica Congress. Korea , 2009. IAC-09-E 6.3. ID 1109;

16. Molder C. **Boscoianu**. Vizitiu I. Stanciu M. Decision fusion for improved automatic license plate recognition, WSEAS Transaction on Informational Science and Applications February 2009. vol6, no 2, p291-300 ISSN 1790-0832 indexata inclusiv INSPEC
17. **Boscoianu, M**, Axente, C. Coman. A. Some aspects regarding the adaptive control of a Hying wing micro air vehicle with flexible wing tips- Extended Paper. WSEAS Transactions on Systems, Issue 6. volume 7. June 2008, pp 727-757. ISSN 1009-2777;
18. Molder C. **Boscoianu M**. Vizitiu I. Stanciu M. Automatic Sea Floor Characterization based on Underwater Acoustic Image Processing. WSEAS Transactions on Signal Processing, vol4. no 11. Nov 2008, p247-656. ISSN 1790-5022 indexata inclusiv INSPEC
19. **Boscoianu, M**, Prelipcean, G, An analytical framework for private investments in emerging space business activities. International Astronautical Congress. Glasgow, Scotland, 2008. IAC-08-E6.2, ID 1210;
20. Prelipcean G, **Boscoianu M**, An analysis of the returns to RID investments in innovative space activities, 59th I AC International Astronautica Congress. Glasgow, Scotland, 2008. I AC-08-D3.5.-E5.5, ID 1207 ;
21. **Boscoianu, M**, Prelipcean. G, Coman. A, An analvisis of the investment opportunities in emerging markets space applications for defense. 57th I AC. International Astronautical Congress. 17th Symposium on Space Activity and Society (E5): Space Spin-Off::: Investment Opportunities, Valencia. Spania Spain. 2006, IAC 06-E5.2.02
22. Coman A.. Safta. D., **Boscoianu M**, A method for optimizing the stability of flight velocity of modem aeroreactive propulsion systems. 57th IAC. International Astronautica Congress. Valencia, Spain, I AC 06-C4.P5.01
23. Prelipcean G, **Boscoianu M**, Emerging applications of knowledge management and innovation in space activities. 57th I AC. International Astronautica Congress. 2006. Valencia, Spain. I AC 06-D5.1.07
23. Coman A, **Boscoianu M**, Some aspects about the design of micro scale engines. Vol Conferinta de mecanica solidelor. Academia Romana. Constanta 15-16 sept 2006
24. Coman A, **Boscoianu M**, An analysis of the aerodynamic performance of MEMS wing adapted for Micro Aerial Vehicles Vol Conferinta de mecanica solidelor. Academia Romana, Constanta 15-16 sept 2006
25. **Boscoianu, M**, Strategii optime de integrare a firmelor multinationale in contextual aderarii Romaniei la UE. Eficienta transferului tehnologic prin veriga ISD. Revista de Politica Stiintei si Scientometrie, Nr Special 2005. ISSN-1552-1218

D. Lista proiectelor – in calitate de director de proiect- competitiile nationale

1. MULTIMOND2- Platforma de sisteme inteligente multiagent pentru monitorizarea calitatii apei pe sectorul romanesc al Dunarii si Deltei, (responsabil proiect), Proiect 1 Proiectarea si testarea unui sistem de senzori dedicat pentru monitorizarea cursului Dunarii prin integrare pe vectori robotizati; Proiect 3 Platforma de integrare inteligenta comanda-control cu CAO a misiunilor specifice vectorilor robotizati, PN III/ PCCDI 2018-2020
2. MAPIAM- Modular Aerial Platform for Intelligent Athmosphere Monitoring, (responsabil proiect), PN III 2016-2018
3. Sistem aerian multi agent cu statie de sol mobila pentru managementul informatiilor, acronim MASIM, PN II, Functia: Director de proiect, Valoare (buget): 2,5 mil ron (565739 euro), Parteneri: Universitatea Politehnica Bucuresti, INCAS Bucuresti, Academia Romana/ IMSAR, STRAERO Bucuresti, COMPOZITE Brasov, SIVCO Romania, perioada: 2013-2016
4. Sistem integrat de monitorizare si dirijare a traficului cu ajutorul platformelor aeriene robotizate, acronim SIMPAR, PN II, Valoare:2 mil ron (599287 euro) Parteneri: AOSR, Universitatea Politehnica Bucuresti, SELETRON Bucuresti, Pro Optica Bucuresti, CCIB Bucuresti, SEEKTRON Ploiesti Perioada:2007-2010
5. Sistem integrat de platforme aeriene pentru combaterea agresiunilor teroriste CBRN, acronim NIMBUS, CEEX- Securitate, Contract SP5 / 30R, valoare: 0,49 mil. Ron (139027 euro); Parteneri:



ATM Bucuresti, Universitatea Politehnica Bucuresti, SELETRON Bucuresti , AEROSTAR Bacau,
Perioada: 2006

6. Microvehicul aerian cu decolare verticala si propulsie combinata pentru evolutii la viteze mari destinat monitorizarii si supravegherii zonelor periculoase CUMULUS-2, CEEX 2005-2007, Valoare: 1,8 mil ron (372578 euro);Parteneri: ATM Bucuresti, Universitatea Politehnica Bucuresti, Universitatea „Stefan cel Mare” Suceava, SELETRON Bucuresti , AEROSTAR Bacau, CSTA Suceava, Perioada: 2005-2007

7. Strategii optimale de integrare si expansiune a firmelor multinationale in contextul aderarii Romaniei la Uniunea Europeana. Eficienta transferului tehnologic prin veriga ISD, Grant Comisia 3 Proiecte A, 2004-2006