

Scientific activity

Assoc. Prof. Dr. Eng. Ioan Ștefan SACALĂ

1. List of scientific publications (2000-2018)

• Monographs, Book chapters (international publications)

1. "Towards Digital Business EcoSystem Analysis", autori: Aurelian Mihai Stanescu, Lucian Ionescu, Vasile Georgescu, Mihnea Moiescu, Ioan Sacala publicat in: "Towards Digital Business EcoSystem Analysis" Handbook on Business Information Systems, World Scientific Publishing Co Pte Ltd (Singapore), 2010, ISBN10: 9812836055, pp. 607-638
2. "An E/EC Pilot in a Construction Supply Chain", autori: Aurelian Mihai Stanescu, Mihnea Alexandru Moiescu, Ioan Stefan Sacala, The COIN Book , Enterprise Collaboration and Interoperability, Patrick Sitek, Sergio Gusmeroli Marco Conte, Kim Jansson, Iris Karvonen (Editors), pp 95-99, Verlagsgruppe Mainz GmbH Aachen, ISBN 3-86130-713-8, 2012

• Monographs, Book chapters (national publications)

1. Calin Munteanu, Simona Iuliana Caramihai, Mihnea Moiescu, Ioan Stefan Sacala, "Sisteme Dinamice cu Evenimente Discrete", Editura Printech, ISBN 978-606-521-199-5, 2011
2. Mihnea Alexandru Moiescu, Ioan Stefan Sacala, "Managementul ciclului de viata al proiectelor", ISBN 978-606-23-0324-2, Editura Printech 2014, cod CNCSIS 54
3. Ioan Stefan Sacala, Mihnea Alexandru Moiescu, "Management de proiect pentru dezvoltarea sistemelor informatiale" – ISBN 978-606-23-0325-9, Editura Printech 2014, cod CNCSIS 54
4. Ioan Stefan Sacală si Mihnea Alexandru Moiescu, Sisteme de întreprindere bazate pe internetul viitorului – 100pg - ISBN 978-606-23-0887-2, Editura Printech 2018, cod CNCSIS 54
5. Ioan Stefan Sacală si Mihnea Alexandru Moiescu, Sisteme de întreprindere bazate pe internetul viitorului, ISBN 978-606-23-0887-2, Editura Printech 2018, cod CNCSIS 54

• Articles in journals and conference proceedings (indexed ISI)

1. Aurelian M. Stanescu, Lucian M. Ionescu, Adina Florea, C.Serbanescu, Mihnea A. Moiescu, Ioan S. Sacala, *Towards great challenge for Enterprise Science within Knowledge – based Society paradigm*, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 3, pp. 491-496 Published: 2008, Publisher: CCC PUBL-AGORA UNIV, ORADEA, JUD, ROMANIA, ISSN: 1841-9836, WOS:000257497600081
2. Vergil Voineagu, Mihail Dumitru Sacala, Ioan Stefan Sacala, „Technical analysis method based on wave refraction”, Journal of ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH, No. 3/2011, pp. 5-24, ISSN 1842 – 3264, WOS:000294752000001
3. Costetchi, N., Stanescu, A. M., Alexandru, M., Moiescu, I. S. Sacala, & Banta, V. C. (2015). FOCUSED-LIQUID ENTERPRISE SYSTEM ARCHITECTURE TO SUPPORT E-HEALTH APPLICATIONS. UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, 77(4), 55-68, WOS:000421811300005
4. Viorel Costin BANTA, Dorian COJOCARU, Mihnea Alexandru MOIESCU, Ioan Stefan SACALA, Software Design for Oil Industry Metrology Systems, Studies in Informatics and Control, ISSN 1220-1766, vol. 23 (4), pp. 359-371, 2014, WOS:000346943300006

5. Stegaru, G., Danila, C., Sacala, I. S., Moiescu, M., & Stanescu, A. M. (2015). E-Services quality assessment framework for collaborative networks. *Enterprise Information Systems*, 9(5-6), pp. 583-606, DOI: 10.1080/17517575.2013.879213 WOS:000349799800006, ISSN: 1751-7575
6. VLĂDĂREANU, Victor, Ioan DUMITRACHE, Luige VLĂDĂREANU, Ioan Ștefan SACALĂ, Gabriela TONȚ, Mihnea Alexandru MOIESCU. "Versatile Intelligent Portable Robot Control Platform Based on Cyber Physical Systems Principles.", *STUDIES IN INFORMATICS AND CONTROL*, Volume: 24 Issue: 4 pp. 409-418, December 2015, WOS:000366543700005
7. Alix Vargas, Llanos Cuenca, Andres Boza, Ioan Sacala, Mihnea Moiescu, Towards the development of the framework for inter sensing enterprise architecture, *Journal of Intelligent Manufacturing*, 2016, Print ISSN 0956-5515, Online ISSN 1572-8145, DOI 10.1007/s10845-014-0901-z, Springer, WOS:000368727300004 - 2016 Rank Q1 9/44 journals in Categories Engineering, Manufacturing
8. Ioan Sacala, Mihnea Moiescu, Towards the Development of Interoperable Sensing Systems for the Future Enterprise, *Journal of Intelligent Manufacturing*, 2016, Print ISSN 0956-5515, DOI 10.1007/s10845-014-0900-0, Springer , WOS:000368727300003 - 2016 Rank Q1 9/44 journals in Categories Engineering, Manufacturing - 2016 Rank Q1 9/44 journals in Categories Engineering, Manufacturing
9. Vargas, A. Day, Saumen, Boza, A, Ortiz, A, Ludascher, B ; Sacala, IS ; Moiescu, MA (2016). Decision-Making System and Operational Risk Framework for Hierarchical Production Planning. *Journal of Control Engineering and Applied Informatics*, 18(3), 72-81, ISSN: 1454-8658, WOS:000384513100008
10. Repta, D., Moiescu, M. A., Sacala, I. S., Dumitrache, I., & Stanescu, A. M. (2017). Towards the development of semantically enabled flexible process monitoring systems, *International Journal of Computer Integrated Manufacturing*, 30(1), 96-108, ISSN: 0951-192X, DOI: 10.1080/0951192X.2015.1107914, WOS:000388918000009 Rank Q2 23/46 journals in Categories Engineering, Manufacturing
11. Feier, F., Silea, I., Angelescu, C., Sacala, I. S., & Moiescu, M. (2017). Sound Analysis System of Newborn Cry during Blood Draw with Cerebral Oximetry Monitoring. *Journal of Control Engineering and Applied Informatics*, 19(2), 11-19. WOS:000404695500002 ISSN: 1454-8658
12. Dumitrache, I., Sacala, I. S., Moiescu, M. A., & Caramihai, S. I. (2017). A conceptual framework for modeling and design of Cyber-Physical Systems. *Studies in Informatics and Control*, 26(3), 325-334. WOS:000412715700008, ISSN: 1220-1766
13. Repta Dragos, Ioan Dumitrache, Ioan Stefan Sacala, Mihnea Alexandru Moiescu, Aurelian Stanescu, and Simona Iuliana Caramihai. "Automated process recognition architecture for cyber-physical systems." *Enterprise Information Systems* (2018): Vol. 12 Issue: 8-9, pp. 1129-1148, IF: 1.683 (2017) WOS:000446349200011 ISSN: 1751-7575
14. A.M.Stanescu, M.A.Moiescu, I.S.Sacala; A Nita, From Industrial Robotics Towards Intelligent Robotic Systems, Proc. 4th International Ieee Conference Intelligent Systems, Varna, Bulgaria, 06-08 2008, Vols. 1 and 2, pp. 306-310, 2008, Published: 2008, IEEE, ISBN: 978-1-4244-1739-1, WOS:000263194700050
15. Aurelian Stanescu, Mihnea Moiescu, Ioan Stefan Sacala; Complexity Issues Regarding Intelligent Robotic Systems, Proc. Int. Conf. on Complexity and Intelligence of the Artificial and Natural Complex Systems - Medical Applications of the Complex Systems Biomedical Computing, Nov. 08-10, 2008, Petru Maior Univ Tg Mures, Romania, ISBN: 978-973-7794-76-5, WOS:000264924800004
16. Mihail Dumitru Sacala, Aurelian Mihai Stanescu, Monica Dragoicea, Mihnea Moiescu, Ioan Stefan Sacala, Towards the Development of the Probability Calculation Methods for the Appearance and Development of Entity Inter-Connections within a Digital Bussiness EcoSystem, Source: *ADVANCES IN MANUFACTURING ENGINEERING, QUALITY AND PRODUCTION SYSTEMS*, Vol. I Book Series: Mathematics and Computers in Science and Engineering , pp. 188-193, ISBN: 978-960-474-121-2, ISSN: 1790-2769, Published by WSEAS Press 2009, Proceedings of the 1st International Conference on Manufacturing Engineering, Quality And Production Systems (MEQAPS '09), Transilvania University of Brasov, Romania, September 24-26, 2009, WOS:000275966900030
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18. Calin Munteanu, Simona Caramihai, Mihnea Alexandru Moiescu and Ioan Stefan Sacala „Using Hybrid Petri Nets for Performance Analysis in Manufacturing Systems”. Proceedings SERVICE ORIENTATION IN HOLONIC AND MULTI-AGENT MANUFACTURING CONTROL Book Series: Studies in Computational Intelligence, Vol. 402, pp. 129-142, Published: 2012, Springer, ISSN: 1860-949X, ISBN: 978-3-642-27448-0, June 20-21, 2011, WOS:000309734000019
19. Stanescu, AM, Moiescu, MA, Sacala, IS, Burlacu, G, Integrating e-IMS Platform via Interoperability within Collaborative Enterprise, Source: SERVICE ORIENTATION IN HOLONIC AND MULTI-AGENT MANUFACTURING CONTROL, Editor(s): Borangiu, T; Thomas, A; Trentesaux, D Book Series: Studies in Computational Intelligence, Volume: 402 pp. 129-142 Published: 2012 Proceedings of: International Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing Control (SOHOMA 2011), JUN 20-21, 2011, ISBN:978-3-642-27448-0 ISSN: 1860-949X WOS:000309734000010
20. I. Lolu, A. Stanescu, M. Moiescu, I. Sacala, “Distributed task allocation in multi-robot systems using argumentation-based negotiation” Source: ADVANCED MATERIALS RESEARCH II, PTS 1 AND 2 Book Series: Advanced Materials Research, Editor(s): Fan, W, Volume: 463-464, pp. 1238-1241, DOI: 10.4028/www.scientific.net/AMR.463.464.1238 Published: 2012, Proceedings of: 2nd International Conference on Advanced Material Research (ICAMR 2012), Chengdu, China, 07-08 Jan. 2012. WOS:000308114100243
21. Stanescu, Aurelian; Moiescu Mihnea; Sacala, Ioan, “Towards the Development of Internet of Things oriented Robot to Object Interaction Framework” , Source: ADVANCED MATERIALS RESEARCH II, PTS 1 AND 2 , Book Editor(s): Fan, W, Book Series: Advanced Materials Research Vol. 463-464, pp. 1321-1323 DOI: 10.4028/www.scientific.net/AMR.463-464.1321 Published: 2012, Proceedings of: 2nd International Conference on Advanced Material Research (ICAMR 2012), Chengdu, PR China, JAN 07-08, 2012, WOS:000308114100262
22. Stegaru, G, Danila, C, Sacala, IS, Moiescu, M, Stanescu, AM, Quality Driven Web Service Composition Modeling Framework, in COLLABORATIVE NETWORKS IN THE INTERNET OF SERVICES Book Series: IFIP Advances in Information and Communication Technology, Eds: Camarinha Matos, LM, Xu, L, Afsarmanesh, Volume: 380, Pages: 87-95, Published: 2012, Proceedings of 13th IFIP WG 5.5 Working Conference on Virtual Enterprises (PROVE-VE 2012). WOS:000321076200009
23. Alix Vargas, Andrés Boza, Llanos Cuenca, Ioan Sacala, "Inter-Enterprise Architecture and Internet of the Future", 3rd Doctoral Conference on Computing, Electrical and Industrial Systems, 15-17 April 2013, IFIP Advances in Information and Communication Technology Volume 394, 2013, pp. 25-32, ISBN 978-3-642-37290-2, WOS:000323186100003, https://doi.org/10.1007/978-3-642-37291-9_3
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28. Natalia, C., Alexandru, Mihnea, Moiescu., Mihai, S. A., Stefan, Sacala. I., Munteanu, C. A. (2013, November). Medical services modelling based on business process model framework. In E-Health and Bioengineering Conference (EHB), 2013 (pp. 1-4). IEEE. Accession Number: WOS:000346672900048, ISBN:978-1-4799-2372-4

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30. Stanescu Ioana Andreea, Aurelian Mihai Stanescu, Mihnea Moiescu, Ioan Stefan Sacala, Antoniu Stefan, Jannicke Baalsrud Hauge. "Enabling interoperability between serious game and virtual engineering ecosystems." In ASME 2014 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, American Society of Mechanical Engineers, 2014. Paper No. DETC2014-35418, pp. V01BT02A045; doi:10.1115/DETC2014-35418 Accession Number: WOS:00037998710004; ISBN:978-0-7918-4629-2
31. Repta, Dragos, Aurelian Mihai Stanescu, Mihnea Alexandru Moiescu, Ioan Stefan Sacala, and Monika Benea. "A cyber-physical systems approach to develop a generic enterprise architecture." In Engineering, Technology and Innovation (ICE), 2014 International ICE Conference on, pp. 1-6. IEEE, 2014, Book Series: International ICE Conference on Engineering Technology and Innovation ISBN:978-1-4799-4735-5, ISSN: 2334-315X WOS:000345855900019
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37. Dumitrache, Ioan, Simona Iuliana Caramihai, Ioan Stefan Sacala, and Mihnea Alexandru Moiescu. "A Cyber Physical Systems Approach for Agricultural Enterprise and Sustainable Agriculture." In *Control Systems and Computer Science (CSCS)*, 2017 21st International Conference on, pp. 477-484. IEEE, 2017. Indexat IEEE, ISI, DOI: 10.1109/CSCS.2017.74 WOS:000449004400067 ISBN:978-1-5386-1839-4
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• **Articles in journals and conference proceedings (indexed in other databases)**

1. Mihnea Alexandru MOISESCU, Ioan Ștefan SACALĂ, Aurelian Mihai STĂNESCU, Towards the Development of Internet Of Things Oriented Intelligent Systems” UPB Scientific Bulletin, Series C, Vol. 72, Iss. 4, 2010, ISSN 1454-234x, Indexat Google Scholar
2. Ioan Stefan Sacala, Mihnea Alexandru Moiescu, Mihai Sacala “Towards The Development Of Future Internet Enterprise Systems”, Romanian Statistical Review Supplement, 2012, vol. 60, issue 2, pages 472-474, ISSN 1018-046X ,Indexat Econ Papers, Repec, Copernicus ICID: 1022606
3. Moiescu Mihnea Alexandru, Sacala Ioan Stefan, Dumitrache Ioan and Caramihai Simona, Predictive maintenance and robotic system design, Journal of Fundamental and Applied Sciences, 2018, Volume 10, Number 4S, pages 234—239, University of El Oued Publisher.
4. Ioan Stefan Sacala, Mihail Dumitru Sacala, Mihnea Alexandru Moiescu, „*Wave refraction based analysis*” Revista Romana de Statistica, Nr.3/2011, ISSN 1018-046X, CNCSIS B+
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8. Aurelian Stănescu; Ioan Dumitrache; Ioana Mihu; Mihnea Moiescu; Monica Voinescu; Ioan Sacala; "Crossdomain Environment - Health INTEROPERABLE Metasystem" IFAC- MCPL 2007 Romania, Preprints, Eds: O.Bologa, I Dumitrache, F.G Filip IFAC Papers Online ISBN 978-973-739-481-1 pp. 229-234, DOI: 10.3182/20070927-4-RO-3905.00039, Indexat Science Direct <https://www.sciencedirect.com/science/article/pii/S1474667015321704>
9. Aurelian Stănescu, Dimitris Karagiannis, Mihnea A. Moiescu, Ioan S. Sacală, Valentin Manoiu, TOWARDS A HOLISTIC APPROACH FOR INTELLIGENT MANUFACTURING SYSTEMS SYNTHESIS IMS'08: Proc. of the 9th IFAC Workshop on Intelligent Manufacturing Systems, Szczecin, Poland, October 2008, pp: 193-198, IFAC Papers Online ISBN: 9781617389924, <https://www.sciencedirect.com/science/article/pii/S1474667015355646>, Science Ditrext, DOI: 10.3182/20081205-2-CL-4009.00035,
10. Aurelian Mihai Stanescu, Ioan Dumitrache , Octavian Stanasila, Nicolae Vasiliu, Mihnea Alexandru Moiescu, Ioan Stefan Sacala, ARCHE3S: first Living Lab enabler in Romania aiming at cross domain synergy-based approach to sustain SMEs, Klaus-Dieter Thoben, Kulwant S Pawar, Bernhard Katzy & Robert Bierwolf (eds), in Proc. of the 15th International Conference on Concurrent Eenterprising ICE2009 ‘Collaborative Innovation Emerging Technologies, Environments and Communities’ Leiden, Netherlands, 22-24Iunie 2009 ISBN 978085358259-5, pp. 1-7 IEEEExplore, <https://ieeexplore.ieee.org/abstract/document/7461433>
11. Aurelian Mihai Stanescu, Mihnea Alexandru Moiescu, Ioan Stefan Sacala, Cornel Vintila, Adela Cornescu, Towards a New Science Foundation of Collaborative & Concurrent Enterprising, Klaus-Dieter Thoben, Kulwant S Pawar, Bernhard Katzy & Robert Bierwolf (eds), in Proceedings of the 15th International Conference on Concurrent Eenterprising ICE2009 ‘Collaborative Innovation Emerging Technologies, Environments and Communities’ Leiden, Netherlands, 22-24Iunie 2009 pp. 1-9 ISBN 978 085358 259 5 Indexat IEEE explore <https://ieeexplore.ieee.org/document/7461432>
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 15. Mihnea Alexandru Moiescu, Ioan Dumitrache, Simona Iuliana Caramihai, Aurelian Mihai Stanescu, Ioan Stefan Sacala, The Future of Knowledge in Manufacturing Systems in the Future Era of Internet of Things, IFAC- MCPL 2010, 8-10th September, Coimbra, Portugal, pp. 215-220, IFAC Papers Online, DOI: 10.3182/20100908-3-PT-3007.00041, ISBN 201009083, <https://www.sciencedirect.com/science/article/pii/S147466701630903X>
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 17. Stanescu Aurelian Mihai, Bogdan Barbulescu, Monica Dragoicea, Nicula Marin, Moiescu Mihnea Alexandru, Sacala Ioan Stefan, "Towards the development of Internet of Things compliant GPS navigation systems" Annals od DAAAM 2010, Proceedings of the 21st International DAAAM Symposium, Volume 21, No. 1, OSSN 1726-9679, ISBN 978-3-901509-73-5, Editor B. Katalinix, pp.883-885. Published by DAAAM International Vienna, Austria, Indexat Scopus, EBSCO
 18. Mihnea Alexandru Moiescu, Ioan Stefan Sacala, Aurelian Mihai Stanescu, Cristina Serbanescu "Towards Integration of Knowledge Extraction from Process Interoperability in Future Internet Enterprise Systems", 14th IFAC Symposium on Information Control Problems in Manufacturing, 23-25 Mai, 2012, Bucuresti, Romania, pp. 1458-1463, ISSN: 1474-6670, ISBN: 978-3-902661-98-2, DOI: 10.3182/20120523-3-RO-2023.00395, IFAC PApersOnline Indexat Science Direct <https://www.sciencedirect.com/science/article/pii/S1474667016333560>
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2. List of fresearch grants and contracts (2000-2018)

• International grants and contracts

1. COST ACTION ES1206 Advanced Global Navigation Satellite Systems tropospheric products for monitoring severe weather events and climate (GNSS4SWEC), Director proiect UPB Ioan Stefan Sacala
2. COST ACTION CA15221 Advancing effective institutional models towards cohesive teaching, learning, research and writing development, Director proiect UPB Ioan Stefan Sacala
3. COST ACTION CA 16101 - MULTI-modal Imaging of FOREnsic SciEnce Evidence - tools for Forensic Science, Director proiect UPB Ioan Stefan Sacala
4. FP7-ICT-2009-4 - 248583 UpgradiNg ICT excellence by strengthening cooperation between research Teams in an enlarged Europe Acronim UNITE (director proiect Ricardo Goncalves, Autoritatea contractanta: Comisia Europeana), membru in echipa de implementare
5. Pi.4. FP7-ICT-2009.9.5 – 2010-2011 – Large-scale Integrating Project (IP)- 216256 COIN— COllaboration and INteroperability for networked enterprises in an Enlarged European Union Acronim COIN (director proiect Claudia Guglielmina, Autoritatea contractanta: Comisia Europeana), membru in echipa de implementare
6. Pi.5. POSDRU/ 53084 2010 – 2013 ComHighTech - Cresterea competitivității întreprinderilor prin perfectionarea si specializarea resurselor umane în domeniul noilor tehnologii, într-o societate bazată pe cunoastere si pentru o dezvoltare durabilă, director de proiect Prof.dr.ing Ioan Dumitrache, membru in echipa de implementare

• National grants and contracts

1. PN-II-PT-PCCA-2013: Platforma robot versatila, inteligenta, portabila cu sisteme de control in retele adaptive pentru roboti de salvare, Contract nr. 9 /2014 / mr PT699/8.9.2014 , Tip proiect: - PN-II-PT-PCCA-2013-4-2009, Director proiect UPB Ioan Stefan Sacala
2. Proiect cu mediul de afaceri „Control bratului robotic in tunelul aerodinamic subsonic de la sediul INCAS”, Contract nr. 24.104 din 18.12.2014, Director de proiect: Prof.dr.ing. Ioan Dumitrache, Universitatea Politehnica Bucuresti - Centrul pentru Pregatirea Resurselor Umane, Responsabil proiect : Ioan Stefan Sacala
3. Proiect cu mediul de afaceri „Interfatarea bratului robotic existent la sediul INCAS cu tunelul aerodinamic si realizarea unei interfete de masura si monitorizare a parametrilor statiei de preparare a aerului”, Contract nr. 23989/28.11.2016, Director de proiect: Prof.dr.ing. Ioan Dumitrache, Universitatea Politehnica Bucuresti - Centrul pentru Pregatirea Resurselor Umane, Responsabil de proiect: Ioan Stefan Sacala

4. CEEX INFOSOC 2006-2008 "REtea @-colaborativă pentru cercetarea efectelor poluanților din MEDIU asupra sănătății, în cadrul unor metasisteme complexe" Acronim: REMEDIU 138/2006 (director proiect Aurelian Mihai Stanescu, UPB, membru in echipa de implementare
5. PNCDI2 – Parteneriate 81011/2007 "Metode Si Software Pentru Calculul Si Definirea Configuratiei Aeronavelor Subsonice In Faza De Pre-Concept, Adaptate Lucrului Colaborativ In Intreprinderi Aeronautice Largite" Acronim: CASCADNET membru, director proiect Mihai Neamtu, INCAS, Responsabil UPB Prof.dr.ing Ioan Dumitrache, CNMP) , membru proiect
6. PNCDI2 – Parteneriate 81022/2007 Tehnologii avansate pentru proiectarea si testarea echipamentelor de navigatie in medii complexe Acronim: TANACO (membru, director proiect Tiberius Tomoioga, Responsabil UPB, Aurelian Stanescu, CNMP), membru proiect
7. POSCCE - Asistență tehnică pentru susținerea activității de control la fața locului a proiectelor finanțate în cadrul Axei 2 – POS CCE, prin achiziționarea de servicii de consultanță și expertiză", Director de proiect Mihai Hancu Safege, membru proiect
8. POSDRU Excelență în cercetare prin burse doctorale și postdoctorale (ExcelDOC), Cod Contract: 132397, Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, membru proiect
9. ANCS proiect suport - COIN—COLlaboration and INteroperability for networked enterprises in an Enlarged European Union Acronim COIN (membru, director proiect Aurelian Mihai Stanescu, autoritatea contractanta: ANCS), membru proiect
10. POSCCE: Cresterea performantelor tehnice ale dispozitivului Electronic Doctor si Infiintarea facilitatilor de productie pentru acesta, S.C. DENTICARE IMPLANTOLOGY CENTER SRL Bucuresti POSCCE Operațiunea 2.3.3, contract nr 94 7/31/2013, Director de proiect Dr. Bogdan Vladila, membru proiect

3. List of patents obtained during 2000-2018:

• International patents

1. Medalia de Aur la Salonul International de Inventica de la Geneva, 2017, pentru inventia "Method and device for hybrid position speed control applied to intelligent platform control"
2. Turk Patent Award for invention: Method and Device for Hybrid Position Speed Control Applied to Intelligent Platform Control, L. Vladareanu, R. I. Munteanu, I. Dumitrache, M. Moisescu, I. Sacala et al, International Exhibition of Inventions of Geneva, 2017
3. APIICIS Special Award for Contribution to Inovation for Method and Device for Hybrid Position Speed Control Applied to Intelligent Platform Control , L. Vladareanu, R. I. Munteanu, I. Dumitrache, M. Moisescu, I. Sacala et al, International Exhibition
4. Hong Kong Politechnic University, Institute for Entrepreneurship, Excellent Invention award for Contribution to Inovation for Method and Device for Hybrid Position Speed Control Applied to Intelligent Platform Control , L. Vladareanu, R. I. Munteanu, I. Dumitrache, M. Moisescu, I. Sacala et al, International Exhibition of Inventions of Geneva, 2017

• National patents

1. Vladareanu L, Munteanu R I, Sireteanu T, Dumitrache I, Iliescu M, Cononovici B S, Vladareanu V, Munteanu R A, Melinte O, Gal Ionel-Alexandru, Barbu V, Munteanu M S, Mitroi D, Moisescu M, Chenaru O, Ionel M, Sacala I S, Florea G. "Method and device for hybrid speed-position control with applications in intelligent control platforms". Patent Number: RO131780-A0. Derwent Primary Accession Number: 2017-272243.