Curriculum vitae Europass

Personal info



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Nationality	Romana
Date of birth	20.01.1983
Sex	M

Professional Experience

Perioada	2024 - prezent
Funcţia sau postul ocupat	Professor, President of PRECIS Research Institute with the rank of vice-rector
Activităţi şi responsabilităţi principale	Teaching, Research, Managemet
Numele şi adresa angajatorului	National University for Science and Technology Politehnica Bucharest
Perioada	2020-2024
Funcţia sau postul ocupat	Professor, Vice-Dean for International Cooperation and Business Environment
Activităţi şi responsabilităţi principale	Teaching, Research, Managemet
Numele şi adresa angajatorului	National University for Science and Technology Politehnica Bucharest
Period	2009 – 2011
Job title or position held	Researcher
Main activities and responsibilities	Research undertaken in the framework of the University Politehnica of Bucharest in the framework of European research projects; position of assistant manager in the structural funds COMHIGHTECH \"Increasing competitiveness of enterprises through training and specialization of human resources in the field of new technologies in a knowledge-based society and for a sustainable development\"
Name and address of employer	University Politehnica of Bucharest , The Faculty of Automatic Control and Computers
Activity type or activity sector	TIC, Automation
Period	2009 - 2011
Job title or position held	Teaching Assistant
Main activities and responsibilities	Teaching, Research
Name and address of employer	University ARTIFEX of Bucharest
Period	2007- 2011
Job title or position held	SC SAJI ASSOCIATES SRL; General Manager

Main activities and responsibilities	- Development of web applications that focus on tourism and e-commerce in HTML, PHP, MySQL, CSS, Photoshop - Creating a portal for Digital Business Ecosystems, Internet of Future - Ongoing Projects: RFID, WEB 3.0

Education and training

Period	2014- 2015
Qualification/ diploma obtained	Postdoctoral studies
The name and type of institution of education/ training provider	University Politehnica of Bucharest
Period	2007- 2011
Qualification/ diploma obtained	PhD student in Automatic Control and Systems Engineering
The name and type of institution of education/ training provider	University Politehnica of Bucharest
Period	2007-2009
Qualification/ diploma obtained	Master dissertation - graduated with 9.50, Master in Integrated Computer Systems Engineering
The name and type of institution of education/ training provider	The Faculty of Automatic Control and Computers, University Politehnica of Bucharest
Period	2003-2007
Qualification/ diploma obtained	Bachelor in geography graduated with 10
The name and type of institution of education/ training provider	University of Bucharest, Faculty of Geography
Period	2002-2007
Qualification/ diploma obtained	Engineer license – graduated with 9
The name and type of institution of education/ training provider	The Faculty of Automatic Control and Computers, University Politehnica of Bucharest
Period	1998-2002
Qualification/ diploma obtained	Baccalaureate examination 9.45
The name and type of institution of education/ training provider	Alexandru Ioan Cuza High School, Bucharest

Personal skills and competences

Native language **Romanian**

Foreign language known

Self-assessment	**Reach**				**Speech**				**Writing**	
European level (*)	Listening		Reading		Written expression		Oral discourse		Written expression	
English	C2	Experienced user	C2	Experienced user	C2	Experienced user	C2	Experienced user	C2	Experienced user
French	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
Spanish	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*)The Common European Framework of Reference for Languages

Competents and organizational skills

- Organizational skills, leader abilities, creativity
- Operating Systems: IOS, Windows
- Programming languages: LabView, Matlab, HTML, PHP, C, C++, JAVA

Other competents and skills	• Member in different national and international research projects and structural funds projects. • Member of the following professional associations: Romanian Society for Automation and Technical Informatics; Romanian Society for Robotics; Romanian Society for Statistics, Romanian Coalition for Education in Engineering. • Expert within the Ministry of Justice in the field of: Computers, Informatics, Automation and Industrial Informatics, Networks and Communication Software. • Editor within the Control Engineering and Applied Informatics journal (ISI Impact Factor = 0.695) • Keynote speaker within multiple conferences, symposiums and doctoral symposiums • Chair for several special sessions within international scientific conferences • Invited professor at New University of Lisbon, Portugal • Member of the jury of different PhD defenses, both at national and international level • Scientific Reviewer – multiple international database indexed conferences, symposium, as well as journal articles with impact factor • Member of different organizing committees • Courses held, seminars and laboratory work in the disciplines: - Actuators - Communication Systems and Interoperability - Cyber-Physical Systems - Discrete Event Dynamical Systems - Project Management (Course introduced for the first time by myself within the Faculty of Automation and Computers Science Faculty curricula) - Advanced Communication Systems - Information processing - Advanced Communication Systems - Requirements Management - Business Process Modeling - Research projects Management - Integrated Systems for Enterprise Resources Management - E-commerce • American Academy of Project Management - Certified International Project Manager (CIPM) • National Council of Rectors Innovation Award “Hybrid Method and Control System “Velocity - Position” with applications in intelligent control platforms” • Salon International des Inventions Geneve 2017 – Gold medal for the invention "Method and device for hybrid position speed control applied to intelligent platform control"; • 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 Exibition of Inventions of Geneva, 2017; • 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 Exibition; • 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 Exibition of Inventions of Geneva, 2017; • Academic diploma in Oracle DataBase Design & Programming teacher • IBM Academic Certificate in Websphere Business Process Modeling • Oracle eBusiness Suite academic representative • YOKOGAWA academic representative in security systems: PROSAFE RS application • Oracle partner for Human Resources Training
Drivers license	Category A, B

Additional information

Works published*:*

2007

1. Aurelian Stănescu; Ioan Dumitrache; Ioana Mihu; Mihnea Moisescu; Monica Voinescu; Ioan Sacala; "Crossdomain Environment - Health INTEROPERABLE Metasystem" IFAC- MCPL 2007 Romania, Preprints, Eds: O.Bologa, I Dumitrache, F.G Filip ISBN 978-973-739-481-1 pg 229

2008

1. Aurelian M. Stanescu, Lucian M. Ionescu, Adina Florea, C.Serbanescu, Mihnea A. Moisescu, Ioan S. Sacala, Towards great challenge for Enterprise Science within Knowledge – based Society paradigm, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL Volume: 3 Pages: 491-496 Published: 2008, Publisher: CCC PUBL-AGORA UNIV, PIATA TINERETULUI 8, ORADEA, JUD, BIHOR, 410526, ROMANIA, ISSN: 1841-9836
2. Aurelian Stănescu, Dimitris Karagiannis, Mihnea A. Moisescu, Ioan S. Sacală, Valentin Manoiu, TOWARDS A HOLISTIC APPROACH FOR INTELLIGENT MANUFACTURING SYSTEMS SYNTHESIS IMS'08: Proceedings of the 9th IFAC Workshop on Intelligent Manufacturing Systems, Szczecin, Pologne, October 2008, pp. 193-198, ISBN: 9781617389924
3. A.M.Stanescu, M.A.Moisescu, I.S.Sacala; A Nita, FROM INDUSTRIAL ROBOTICS TOWARDS INTELLIGENT ROBOTIC SYSTEMS, 4th International IEEE Conference Intelligent Systems, Date: SEP 06-08, 2008 Varna BULGARIA Source: 2008 4TH INTERNATIONAL IEEE CONFERENCE INTELLIGENT SYSTEMS, VOLS 1 AND 2 Pages: 306-310 Published: 2008, Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA, ISBN: 978-1-4244-1739-1
4. Aurelian Mihai Stanescu, Mihnea Alexandru Moisescu, Ioan Stefan Sacala; COMPLEXITY ISSUES REGARDING INTELLIGENT ROBOTIC SYSTEMS, International Conference on Complexity and Intelligence of the Artificial and Natural Complex Systems - Medical Applications of the Compex Systems Biomedical Computing, Date: NOV 08-10, 2008 Petu Maior Univ Tg Mures ROMANIA Source: COMPLEXITY IN ARTIFICIAL AND NATURAL SYSTEMS, PROCEEDINGS Pages: 31-36 Published: 2008, Publisher: EDITURA UNIVERSITATII PETRU MAIOR TARGU-MURES, STR N LORGA NR 1, TG MURES, 540088, ROMANIA, ISBN: 978-973-7794-76-5
5. Aurelian Mihai Stanescu,Ioan Dumitrache, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, From Extended Enterprise Towards the Collaborative Network Organization in Aeronautics Industry - Conferinta Internationala de stiinte Aerospatiale Bucuresti, ROMANIA AEROSPATIAL 2008, 1 - 2 Octombrie 20, Volum: Aerospatial 2008 pg 742-755, ISBN 978-973-0-05704

2009

1. I.Dumitrache, A.M.Stanescu, S.I.Caramihai, M.Voinescu, M.A.Moisescu, I.S.Sacala, KNOWLEDGE MANAGEMENT BASED SUPPLY CHAIN IN LEARNING ORGANIZATION, Incom 2009, *Proceedings of the 13th IFAC Symposium on Information Control Problems in Manufacturing* (INCOM09), Moscow, Russia, June 3-5, N. Bakhtadze, A. Dolgui (Eds.), Elsevier Science, 2009, IFAC-PapersOnline.net (ISSN 1474-6670).
2. Aurelian Mihai Stanescu, Alexandru Vedes, Mihnea Alexandru Moisescu , Ioan Stefan Sacala and Irina Gabriela Lolu,Towards an Artificial Intelligence Robotic System within the Internet of Things, Proceedings of the RAAD 2009 18th International Workshop on Robotics in Alpe-Adria-Danube Region May 25-27, 2009, Brasov, Romania, ISBN 978-606-521-315-9, ISSN 2066-4745, 2009
3. Aurelian Mihai Stanescu, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Natalia, " Costeschi Human Centered Collaborative Robotic System Conceptual Design",in Olaru A, Ciupitu L, Olaru S Eds, 4nd International Conference "Optimization of the Robots and Manipulators" OPTIROB 2009- Constanta, 28-31 May 2009, ISSN 2066 – 2854, Bren Publishing House, Bucharest, pp 275-280
4. Aurelian Mihai Stanescu , Mihnea Alexandru Moisescu ,Ioan Stefan Sacala, Irina Lolu, COMPLEX ADAPTIVE SYSTEMS FOCUSED INTELLIGENT MANUFACTURING, The 6th Symposium on Process Control 2009 Ploiesti, ISSN: 1224-8495, pg. 3-10, plenary lecture
5. Aurelian Mihai Stanescu, Ioan Dumitrache , Octavian Stanasila, Nicolae Vasiliu, Mihnea Alexandru Moisescu, 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 Proceedings of the 15th International Conference on Concurrent Eneterprising ICE2009 'Collaborative Innovation Emerging Technologies, Environments and Communities' Leiden, Nederlands, 22-24Iunie 2009 ISBN 978 085358 259 5

6. Aurelian Mihai Stanescu, Mihnea Alexandru Moisescu, 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 Eneterprising ICE2009 'Collaborative Innovation Emerging Technologies, Environments and Communities' Leiden, Nederlands, 22-24Iunie 2009 ISBN 978 085358 259 5

7. A.M.Stanescu,I.Dumitrache, S.I.Caramihai, M.A.Moisescu, I.S.Sacala, The Grand Unification: Emerging Sciences to Support Interoperability Based Complex Adaptive Systems in Intelligent Manufacturing, Congrès International de Génie Industriel 2009 Tarbes, France, juin 2009

8. Cristian Suciu, Ioan Stefan Sacala, Mihnea Alexandru Moisescu, Towards the Development of e-Services for Tourism in Romanian Business Ecosystem, Conferinta Internationala: Strategii Globale in Agricultura, Agroturism, Alimentatie si Protectia Mediului, Book of Abstracts, 2009, ISBN 978-973-1887-74-6 , pg 65-66

9. Cristian Suciu, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Towards the Integration of Intelligent Packaging in Romanian Food Industry, Conferinta Internationala: Strategii Globale in Agricultura, Agroturism, Alimentatie si Protectia Mediului, 2009, Book of Abstracts, ISBN 978-973-1887-74-6 , pg 80-81

10. Mihail Dumitru Sacala, Aurelian Mihai Stanescu, Monica Dragoicea, Mihnea Alexandru Moisescu, 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, IN: Lepadatescu D, Mastorakis N. E., Eds, ADVANCES in MANUFACTURING ENGINEERING, QUALITY and PRODUCTION SYSTEMS (Volume I), Proceedings of the 1st International Conference on MANUFACTURING ENGINEERING, QUALITY and PRODUCTION SYSTEMS (MEQAPS '09) (Volume I) Transilvania University of Brasov, Romania, September 24-26, 2009, pp. 188-193, ISBN: 978-960-474-121-2, ISSN: 1790-2769, Published by WSEAS Press 2009

11. Mihail Dumitru Sacala, Ioan Stefan Sacala, Mihnea Moisescu, Andrei Buiga, New concepts used in a Digital Bussiness EcoSystem, Revista Romana de Statistica, Nr.9/2009, ISSN 1018-046X

12. Ioan Stefan Sacala Crearea primului Living Lab romanesc pentru a sustine ecosistemele digitale de afaceri, Revista Romana de Statistica, Nr.9/2009, ISSN 1018-046X

13. Aurelian Mihai Stanescu, Ioan Dumitrache, Simona Iuliana Caramihai, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Towards Contextual System Conceptual Designing to sustain regional Stability in enlarged Europe, in proceedings of SWIIS 2009: Supplementary Ways for Improving International Stability Conference, Bucharest Romania, 28-30 October 2009, pp. 103-108, DOI 10.3182/20091028-3-RO-4007.00022, www.IFAC-PapersOnLine.net

2010

1.Mihail Dumitru Sacala, Alexandra Monica Constantin,Ioan Stefan Sacala, Mihnea Moisescu, Economia Subterana – o problema majora?, Revista Romana de Statistica, Nr.1/2010, ISSN 1018-046X,

2.Aurelian Mihai Stanescu, Mihnea Alexandru Moisescu and Ioan Stefan Sacala, *Towards the Development of Internet of Things Oriented Robot to Object Interaction Framework,* in Olaru A, Ciupitu L, Olaru S Eds, 5th International Conference "Optimization of the Robots and Manipulators" OPTIROB 2010- Calimanesti, 28-30 May 2010, ISBN 978-981-08-5840-7, Research Publishing, Bucharest, pp 251-255,

3. Ioan Stefan Sacala, Mihnea Alexandru Moisescu, Mihai Sacala, TOWARDS THE DEVELOPMENT OF FUTURE INTERNET ENTERPRISE SYSTEMS, Revista Romana de Statistica, Nr.2/2010, ISSN 1018-046X,

4. Aurelian Mihai Stanescu, Adela Cornescu, Cornel Vintila, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Concurrent Enterprising as a Knowledge reservoir to bridge the gap between Engineering and Science, Klaus-Dieter Thoben, Kulwant S Pawar, Bernhard Katzy & Robert Bierwolf (eds), in Proceedings of the 16th International Conference on Concurrent Eneterprising ICE2010 'Collaborative Environments for Sustainable Innovation"Lugano, Switzerland, 21-23 Iunie 2009 ISBN 978 085358 259 5

5. Mihnea Alexandru Moisescu, 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,* 5th Conference on Management and Control of Production Logistics, DOI 10.3182/20100908-3-PT-3007.00041, PP. 215-220, 8-10 September, Coimbra, Portugal, 2010, ISBN 201009083

6. Irina Gabriela Lolu, Aurelian Mihai Stanescu, Mihnea Moisescu, Ioan Sacala, *Distributed task allocation in multi-robot systems using argumentation-based negotiation,* 2010 1th International Conference on Mechanical Engıneerıng, Robotics and Aerospace ICMERA, Bucharest, Romania, 2010, *ISBN*: 978-1-4244-8867-4

7. Aurelian Mihai Stanescu, Ioan Dumitrache, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Irina Gabriela Lolu*, From Collaborative Network Organization Towards Future Internet Enterprise Systems in Aeronautics Industry,* Proceedings of the International Conference of Aerospace Sciences "AEROSPATIAL 2010", Bucharest, 20-21 October 2010, pp.594-604, ISSN 2067-8614.
8. Aurelian Mihai Stanescu, Mihnea Alexandru Moisescu and Ioan Stefan Sacala, *Towards the Development of Internet of Things Oriented Robot to Object Interaction Framework,* in Olaru A, Ciupitu L, Olaru S Eds, 5th International Conference "Optimization of the Robots and Manipulators" OPTIROB 2010- Calimanesti, 28-30 May 2010, ISBN 978-981-08-5840-7, Research Publishing, Bucharest, pp 251-255,
9. Mihnea Alexandru MOISESCU, Ioan Ştefan SACALĂ, Aurelian Mihai STĂNESCU, *TOWARDS THE DEVELOPMENT OF INTERNET OF THINGS ORIENTED INTELLIGENT SYSTEMS" UPB Scientific Bulletin,* Series C, Vol. 72, Iss. 4, 2010, pp. 115-124, ISSN 1454-234x
10. Stanescu Aurelian Mihai, Bogdan Barbulescu, Moinica Dragoicea, Nicula Marin, Moisescu 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, pp. 883-885, OSSN 1726-9679, ISBN 978-3-901509-73-5, Editor B. Katalinix, Published by DAAAM International Vienna, Austria.

2011

1. Irina-Gabriela Lolu, Aurelian Mihai Stanescu, Ioan Sacala, Mihnea Moisescu *"An Agent-based Architecture for the Internet of Things",* Proceedings of the 18th International Conference on Control Systems and Computers Science, Volume 2, pg: 96-99, ISBN: 2066-4451.
2.Ioan Stefan Sacala, Mihnea Alexandru Moisescu, „Towards a new holistic methodology to develop Future Internet System of Systems research projects" 1st UNITE Doctoral Symposiun, 27-28th of June, 2011, ISSN 22476040 pg: 106-111.
3. Ioan Stefan Sacala, Mihail Dumitru Sacala, Mihnea Alexandru Moisescu, „*Wave refraction based analysis"* Revista Romana de Statistica, Nr.3/2011, ISSN 1018-046X.
4. Aurelian Mihai Stanescut, Mihnea Alexandru Moisescu, Ioan Stefan Sacala „*Integrating e-IMS Platform via Interoperability within Collaborative Enterprises"* 1st International Workshop on Service Orientation in Holonic and Multi Agent Manufacturing Control, Service Orientation in Holonic and Multi-Agent Manufacturing Control Studies in Computational Intelligence Volume 402, 2012, pp 129-142, Springer Verlaag Journal, DOI 10.1007/978-3-642-27449-7_19, ISBN:978-3-642-27448-0
5. 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, Volume 45, No. 3/2011, pg. 5-25, ISSN 0424-267X
6. Calin Munteanu, Simona Caramihai, Mihnea Alexandru Moisescu and Ioan Stefan Sacala „Using Hybrid Petri Nets for Performance Analysis in Manufacturing Systems" SERVICE ORIENTATION IN HOLONIC AND MULTI-AGENT MANUFACTURING CONTROL Studies in Computational Intelligence, 2012, Volume 402/2012, pp. 255-264, Springer Verlaag Journal, ISBN:978-3-642-27449-7_19

2012
1. Stegaru Georgiana, Stănescu Aurelian Mihai, Sacală Ioan and Moisescu Mihnea „Dynamic Interoperability Model for Web Service Choreographies" 6th International Conference on Interoperability for Enterprise Systems and Applications, Proceedings of the I-ESA Conferences, 2012, Volume 5, Part 2, 81-91, Springer Verlaag Journal, ISBN:978-1-4471-2819-9_8
2. Stegaru Georgiana, Stănescu Aurelian Mihai, Sacală Ioan „Modelling framework for quality driven service composition" PRO-VE conference, PRO-VE conference, 13th IFIP Working Conference on Virtual Enterprises, pp. 87-95, 1-3 October 2012, Bornemouth, UK, IFIP Advances in Information and Communication Technology 380 Springer 2012, ISBN 978-3-642-32774-2, ISI Proceedings, WOS:000321076200009.
3. Aurelian M.Stănescu, Mihnea A.Moisescu, Ioan S.Sacală, George Burlacu, Raluca A.Nedelcu, Luiza E.Cojocaru „Concurrent innovation-based eEnterprise", International Conference on Engineering, Technology and Innovation, 18-20 Iunie 2012, Munchen, ISBN**:** 978-1-4673-2273-7, indexed in IEEE Xplore, Identifier**:** 10.1109/ICE.2012.6297697
4. Mihnea Alexandru Moisescu, 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, ISSN: 1474-6670, ISBN: 978-3-902661-98-2, Identifier 10.3182/20120523-3-RO-2023.00395
5. Alexandru Dumitrascu, Ioan Sacala, "Remote Control System based on PLCs with Industrial Communication Networks**",** UNITE 2nd Doctoral Symposium, "R&D in Future Internet and Enterprise Interoperability", pp. 17-24, 11-12 October 2012, Sofia, Bulgaria, ISBN: 978-619-160-040-3.

6. Raluca Andreea Morarescu, Ioan Sacala, "Educational Interoperability Standards: IMS Learning Design and DIN Didactical Object Model**",** UNITE 2nd Doctoral Symposium, "R&D in Future Internet and Enterprise Interoperability", 11-12 October 2012, , pp. 92-99, Sofia, Bulgaria, ISBN: 978-619-160-040-3
7. George Burlacu, Aurelian Mihai Stănescu, Mihnea Alexandru Moisescu, Ioan Ștefan Sacală and Luiza-Elena Cojocaru, "Development of a Modeling Framework for Future Internet Enterprise Systems", 16th International Conference on System Theory, Control and Computing, ICSTCC 2012, 12-14 October 2012, Sinaia, Romania, Paper ID: 178, ISBN 978-606-8348-48-3, Indexed in IEEE Xplore.
8. Cristian Danila, Ioan Stefan Sacala, Mihnea Moisescu, Natalia Costetchi and Aurelian Mihai Stanescu, „Future Internet Enterprise Systems: towards the Sensing Enterprise", 16th International Conference on System Theory, Control and Computing, ICSTCC 2012, 12-14 October 2012, Sinaia, Romania, Paper ID: 179, ISBN 978-606-8348-48-3, Indexed in IEEE Xplore.
9. Stanescu, Aurelian; Moisescu, Mihnea; Sacala, Ioan, "Towards the Development of Internet of Things oriented Robot to Object Interaction Framework" , 2nd International Conference on Advanced Material Research (ICAMR 2012) Location: Chengdu, PEOPLES R CHINA Date: JAN 07-08, 2012, Book Editor(s): Fan, W Book Editor(s): Fan, W, Sponsor(s): Singapore Inst Elect; Sci & Engn Inst, Source: ADVANCED MATERIALS RESEARCH II, PTS 1 AND 2 Book Series: Advanced Materials Research Volume: 463-464 Pages: 1321-1323 DOI: 10.4028/www.scientific.net/AMR.463-464.1321, 2012, ISI Proceedings, WOS:000308114100262
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11. Ioan Stefan Sacala, Mihnea Alexandru Moisescu, 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.
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13. Ioan Sacala Monika Benea Aurelian Mihai Stanescu, Mihnea Moisescu, The Future of Business for SME. Case Study of the Application of Business Intelligence Software, 2nd Unite Doctoral Symposium, pp. 135-139, 2012, Avangard Prima, ISBN 978-619-160-040-3

2013

1. 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.
2.Mihnea Alexandru Moisescu, Ioan Stefan Sacala „Framework Integration to Support the Development of Future Internet Enterprise Systems", Information Engineering Journal Volume 2 Issue 2, June 2013, pp. 22-29, ISSN: 2326-5868.
3. Ioan Stefan Sacala, Mihnea Alexandru Moisescu, Repta Dragos „Towards the Development of the Future Internet based Enterprise in the Context of Cyber-Physical Systems", 19th International Conference on Control Systems and Computer Science, 29-31 May 2013, pp. 405-412, ISBN: 978-1-4673-6140-8
4. Georgiana Stegaru, Mihnea Moisescu, Ioan Sacala, Natalia Costetchi „Quality Management in Sensing Enterprise: Requirements for quality driven manufacturing", International IFAC Conference on Manufacturing Modelling, Management and Control, MIM 2013, 19-21 June, 2013, Saint Petersburg, Rusia, pp. 1332-1337,
5. Georgiana Stegaru, Mihnea Moisescu, Ioan Stefan Sacala, Aurelian Mihai Stanescu, „Quality Modeling Framework for Service Composition. An Indoor Air Quality Monitoring System Case Study", *Applied Mechanics and Materials Vol. 436 (2013) pp 480-487, (2013) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.436.480*
6. Ioan Stefan Sacala,Dragos Repta,Mihnea Moisescu, Aurelian Mihai Stanescu, „Semantic Middleware Architecture", *Applied Mechanics and Materials Vol. 436 (2013) pp 488-496, (2013) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.436.488*
7. Costetchi Natalia,Stanescu Aurelian Mihai,Moisescu Mihnea Alexandru, Sacala Ioan Stefan, „A Holistic Vision of Medical Services and Information Support System Based on E-Healthcare Framework" *Applied Mechanics and Materials Vol. 436 (2013) pp 497-504, (2013) Trans Tech Publications, Switzerland doi:10.4028/www.scientific.net/AMM.436.497*
8. Natalia Costeschi, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Calin Aurel Munteanu, Aurelian *Mihai Stanescu, „Enterprise Architecture for e-Health System"* IEEE International Conference on e-Health and Bioengineering**,** EHB 2013, Iasi, Romania, pp.1-4, ISBN:978-1-4799-2372-4
9. Natalia Costeschi, Mihnea Alexandru Moisescu, Ioan Stefan Sacala, Calin Aurel Munteanu, Aurelian Mihai Stanescu, "Medical Services Modelling Based on Business Process Model Framework", IEEE International Conference on e-Health and Bioengineering**,** EHB 2013, pp.1-4, ISBN:978-1-4799-2372-4

2014

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3. Mihnea Alexandru Moisescu, Ioan Stefan Sacala, "*Managementul ciclului de viata al proiectelor"*, ISBN 978-606-23-0324-2, Editura Printech 2014, cod CNCSIS 54
4. Ioan Stefan Sacala, Mihnea Alexandru Moisescu, "*Management de proiect pentru dezvoltarea sistemelor informationale"* – ISBN 978-606-23-0325-9, Editura Printech 2014, cod CNCSIS 54
5. Mihnea Alexandru Moisescu, Ioan Stefan Sacala, "Tendinte actuale in managementul proiectelor informatice", ISBN 978-606-23-0886-5, Editura Printech 2018, 210 pagini, cod CNCSIS 54
6. Ioan Stefan Sacala, Mihnea Alexandru Moisescu "Sisteme de intreprindere bazate pe internetul viitorului", ISBN 978-606-23-0887-2, Editura Printech 2018, 100 pagini, cod CNCSIS 54

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1. Aurelian Mihai Stanescu, Lucian Ionescu, Vasile Georgescu, Mihnea Moisescu, Ioan Sacala "Towards Digital Business EcoSystem Analysis" Handbook on Business Information Systems, 2009, ISBN10: 9812836055.

Annex

The Program/Project	**Function**	**Period:** from... to...
PN-II-PT-PCCA-2013-4-2009 „ Intelligent, versatile platform, portable with control systems in adaptive networks for rescue robots", Contract nr. 9 /2014 / mr PT699/8.9.2014	Project Responsible CPRU-RO	2014-2016
POC contract 53/05.09.2016, ID 40 270, MySMIS 105976 Ecosystem for ICT Research, Innovation, Product and Service Development for a Internet of Things Interconnected Society - NETIO , subsidiary contract 1265 / 22.01.2018, Development of an Innovative Solution for Efficient Communication in an Industrial Environment – DIVE	Project Responsible UPB-RO	2018 - 2020
Public-Private Contract „Robotic Arm control in the aerodinamic subsonic tunnel at INCAS", Contract nr. 24.104 from 18.12.2014	Project Responsible CPRU-RO	2014-2015
COST Action ES1206 – Advanced Global Navigation Satellite Systems tropospheric products for monitoring severe weather events and climate (GNSS4SWEC)	Project Responsible RO	2015-2017
COST Action CA15221 – Advancing effective institutional models towards cohesive teaching, learning, research and writing development	Project Responsable RO	2016-2020
COST ACTION CA18223 - Future communications with higher-symmetric engineered artificial materials	Responsabil proiect – RO	2019-2023
COST Action CA 16101 - MULTI-modal Imaging of FOREnsic SciEnce Evidence - tools for Forensic Science	Project Responsable RO	2017 - 2020
Infosoc - Ceex program, contract No. 138/02.10.2006- collaborative Network for research of river effects from ENVIRONMENT on human health, in the context of complex metasystms. Acronym: REMEDIU	Researcher CPRU-RO	2006 - 2008
CEEX program - CERES 2006 Integrating resources from research institutes and universities in a modern ICT-based network with a view to supporting innovation, technology transfer and how to access the programme "Competitiveness and Innovation", the Lisbon Strategy 2007-2013 Acronym: INTECH Transfer	Researcher CPRU-RO	2006 - 2008
PNCDI2 - Partnerships 81022/2007 Advanced technologies for the design and testing of equipment for navigation in complex environments. Acronym: TANACO	Researcher CPRU-RO	2007 - 2010
PNCDI2-Partnerships 81011/2007 METHODS and SOFTWARE for the CALCULATION of SUBSONIC AIRCRAFT DEBIAN CONFIGURATION and DEFINE IN the pre-production stage, COLLABORATIVE CONCEPT ADAPTED to WORK IN AERONAUTICAL ENTERPRISE WIDE. Acronym: CASCADNET	Researcher CPRU-RO	2007 - 2010
FP7 – Cordination and Support Action ICT Call 4 FP7-ICT-2009-4 UpgradiNg ICT excellence by strengthening cooperation between research Teams in an enlarged Europe	Researcher	2010 - 2012

Acronim: UNITE		
FP7 – IP Project - Enterprise Collaboration and Interoperability Acronim: COIN	Researcher	2010 - 2011
Increase competitiveness of enterprises through training and specialization of human resources in the field of new technologies in a knowledge-based society and for a sustainable development Contract No.: POSDRU/81/3.2/S/53084 Project co-funded from "European Social Fund by the sectoral Operational Program human resources development 2007-2013"-"Invest in people!"	Assistant manager	2010-2013
Contract nr: POSCCE AXA 2 Operatiunea O233-2011”Increase the technical performances of the Electronic Doctro device and establish production facilities”	Member	2013-2014
«Excelenţă în cercetare prin burse doctorale şi postdoctorale (ExcelDOC) », Cod Contract: 132397, Project co-funded from "European Social Fund by the sectoral Operational Program human resources development 2007-2013"-"Invest in people!"	Member	2014-2015
COST Action CA15120 COST Association Open Multiscale Systems Medicine (OpenMultiMed)	Member	2016 - 2019
COST Action CA15118 COST Association Mathematical and Computer Science Methods for Food Science and Industry (FoodMC)	Member	2016 - 2019
Consulting Services in order to improve the responsabilities of the Research Agency regarding the activity of analyzing the Repayment Requests of the projects financed within POSCCE Axe 2	IT&C Expert	2015
Services regarding the evaluation activity of the projects financed within POC program, Axe 2 – Investment Priority 2, Action 2.2.1, POC 2014 - 2020	ICT Expert	2016 - 2017



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Learning control laws in simulated environments for motion gestures of humanoid robots A Mateescu, IL Stefan, DC Popescu, IS Sacala, S Raileanu 2023 24th International Conference on Control Systems and Computer Science …		2023
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