Curriculum vitae Europass

Personal info

Name /First Name	**Sacala Ioan Stefan**
Address	
Telephone	Mobile: +40740 17 00 43
web	http://acse.pub.ro/person/ioan-sacala-2/
E-mail	sacalaioan@yahoo.com, ioan.sacala@acse.pub.ro
Nationality	Romana
Date of birth	20.01.1983
Sex	M

Professional experience

Period	2015- present
Job title or position held	Associate Professor
Main activities and responsibilities	Teaching, Research
Name and address of employer	University Politehnica of Bucharest, Faculty of Automatic Control and Computers Science, Automatic Control and Systems Engineering Department
Period	2011 – 2015
Job title or position held	Assistant Professor
Main activities and responsibilities	Teaching, Research, founder of the Future Internet Enterprise Systems research group http://acse.pub.ro/research/acse-research-groups/future-internet-enterprise-systems-fines/
Name and address of employer	University Politehnica of Bucharest, The Faculty of Automatic Control and Computers Science, Automatic Control and Systems Engineering Department
Activity type or activity sector	ICT, Systems Engineering
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, 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

Competences and organizational skills	• Organizational skills, leader abilities, creativity • Operating Systems: IOS, Windows • Programming languages: LabView, MATLAB, HTML, PHP, C, C++, JAVA

Other competences 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 defences, 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 Modelling
- 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 Exhibition of Inventions of Geneva, 2017;
- APIICIS Special Award for Contribution to Innovation 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;
- Hong Kong Polytechnic University, Institute for Entrepreneurship, Excellent Invention award for Contribution to Innovation 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;
- Academic diploma in Oracle DataBase Design & Programming teacher
- IBM Academic Certificate in WebSphere Business Process Modelling
- Oracle eBusiness Suite academic representative
- YOKOGAWA academic representative in security systems: PROSAFE RS application
- Oracle partner for Human Resources Training

Category A, B

Driver's license	