



Europass Curriculum Vitae



Personal information	
First name(s) / Surname(s)	IONIȚĂ Anca Daniela
E-mail	anca.ionita@upb.ro
Work experience	
Dates	1990 - present
Occupation or position held	Professor (since 2007)
Main activities and responsibilities	<p>Courses in Romanian: Software Engineering, IVth year, Automatic Control and Computers Faculty, UPB; Model Driven Engineering, Vth year, Master, Automatic Control and Computers Faculty, UPB; Project Management, IVth year, Automatic Control and Computers Faculty</p> <p>Courses in English: Model Driven Engineering, Master, Faculty of Engineering in Foreign Languages, UPB, Business Service Integration and Management, Master, Automatic Control and Computers</p> <p>Courses in French: Génie logiciel, IVth year, Faculty of Engineering in Foreign Languages, UPB</p> <p>Research interests: Model Driven Engineering (MDE), GIS services, Migration to Service-Oriented and Cloud Based Systems, Computer Assisted Learning, Business Process Management</p>
Name and address of employer	University “Politehnica” of Bucharest , Automatic Control and Computers Faculty, Spl. Independentei 313, 060042, Bucharest, Romania, http://www.upb.ro/ , http://www.acs.pub.ro/
Type of business or sector	Education
Dates	2004 – 2006
Occupation or position held	Researcher
Main activities and responsibilities	Research and development on: Model Driven Engineering (MDE), Configuration Management; Aspect Oriented Software Development (AOSD)
Name and address of employer	Université Joseph Fourier/ LIG-IMAG , 220 rue de la Chimie, 38400 Saint Martin d’Hères, Grenoble, France, http://www-adele.imag.fr/
Type of business or sector	Research
Dates	Feb. – Jul. 1994
Occupation or position held	researcher
Main activities and responsibilities	Biomedical signal processing, high order spectral analysis for electromyography
Name and address of employer	Politecnico di Torino , Torino, Italy, http://www.polito.it/
Type of business or sector	Education
Education and Training	
Dates	1990-1995
Title of qualification awarded	Ph.D. in Automated Systems
Name and type of organization providing education and training	University “Politehnica” of Bucharest , Spl. Independenței 313, RO-060042, Bucharest

Dates	1984-1989							
Title of qualification awarded	Engineer in Automation and Computer Science							
Name and type of organization providing education and training	Polytechnic Institute of Bucharest , Spl. Independenței 313, RO-060042, Bucharest							
Personal skills and competences								
Self-assessment	Understanding				Speaking		Writing	
<i>European level (*)</i>	Listening		Reading		Spoken interaction		Spoken production	
English		C2		C2		C2		C2
French		C2		C2		C2		B2
Italian		B2		B2		A2		A2
	(*) <i>Common European Framework of Reference for Languages</i>							
Additional information								
Memberships and committees	<ul style="list-style-type: none"> - Senior Member of IEEE - Member of INSTICC (The Institute for Systems and Technologies of Information, Control and Communication) - IAENG (International Association of Engineers), IAENG Society of Internet Computing and Web Services and IAENG Society of Software Engineering - Member of SRAIT (Romanian Society of Automation and Technical Informatics) - Member of CIMR (Centre for Research & Training in Industrial Control, Robotics and Materials Engineering) University "Politehnica" of Bucharest - Member of the Editorial Board of International Journal of Communications, Network and System Sciences (SCIRP) - Member of the Editorial Board of International Journal On Advances in Software (IARIA) - Member of the Editorial Board of International Journal of Practical Electronics - Member of the Editorial Advisory Board for "Organizational, Legal, and Technological Dimensions of Information System Administrator", IGI Global, to be published in 2013 - Organizer EASe 2016 and 2015 (First International Workshop on Models and Technologies for Providing Education and Awareness Services at a Large Scale) co-located with <u>eLSE</u> - Steering Committee Member MESOCA (IEEE International Symposium on the Maintenance and Evolution of Service-Oriented Systems and Cloud-Based Environments) co-located with ICSME - General Chair MESOCA 2014 co-located with ICSME 2014, Victoria BC, Canada, and MESOCA 2013 co-located with ICSM 2013, Eindhoven, The Netherlands - Organizer CyRM-2013, (International Workshop on CyberInfrastructures for Natural Resource Management) in conjunction with CSCS 2013, Bucharest, Romania - Program Co-Chair MESOCA 2012 co-located with ICSM 2012, Riva Del Garda, Italy - Organizer MILES 2012 (The First Workshop on Migrating Legacy Applications to Service Oriented Systems) in conjunction with EIDWT 2012, Bucharest, Romania - Program committee member of MESOCA 2011 co-located with ICSM 2011, Williamsburg, Virginia, USA - Program committee member of CLOSER 2010 - 2017 (International Conference on Cloud Computing and Service Sciences) (ISI) - Program committee member of CLOUD COMPUTING 2011- 2017_(International Conference on Cloud Computing, GRIDs, and Virtualization) (IARIA) - Program committee member of KMIS 2010 – 2017 (International Conference on Knowledge Management and Information Sharing) (ISI) - Program committee member of 2nd International Symposium of Intelligent Informatics <u>ISI'14</u> 2014 and ISI'13 2013, co-located with ICACCI (ISI, IEEE) - Reviewer for IEEE Transactions on Education (ISI) - Reviewer for Journal of Control Engineering and Applied Informatics (ISI) - Reviewer for Scientific Bulletin of University "Politehnica" of Bucharest (SCOPUS) - Reviewer for Revue Roumaine des Sciences Techniques – Série Electrotechnique et Energétique (ISI) - Reviewer for TAOSD, Lecture Notes in Computer Science (Springer) 							

Grants, awards, scholarships	<ul style="list-style-type: none"> - UEFISCDI Grant 298/2014 <i>UPB</i> Early Warning and Decision Support Soft System for the Anticipative Assessment of the Fast Dynamics of Territorial Vulnerabilities Induced by Nuclear Facilities, N-WATCHDOG, 2014-2017 - Certificate of Merit at ICPDC'14, London, 2014 - Best Paper Award at ICISIE'09, World Congress on Engineering – London, 2009 - CNCSIS grant A37 - <i>System Interoperation based on Modeling and Metamodeling</i>, 2006-2008 - FP6 Individual Driven Intra-European Fellowship - <i>Software Federations by Model Composition</i>, FEDARC, LIG – IMAG, Grenoble, France, 2004-2006 - Golden Medal at Int. Creativity-Innovation Exhibition, Bucharest, June, 1995 - Copernicus FP4-INCO Research grant, <i>Algorithms for Noise Separation in Ophthalmology</i>, Politecnico di Torino, 1994
Selected publications	<p>A.D. Ionita, M. Mocanu, Architectural Framework for Hazard Warning Systems, International Conference on Enterprise Information Systems, CENTERIS, Porto, Portugal, 2016</p> <p>A.D. Ionita, C.T. Eftimie, G. Lewis, M. Litoiu, Integration of Hazard Management Services, 7th International Conference, IESS 2016, published in Exploring Services Science, Lecture Notes in Business Information Processing, Vol. 247, Springer, pp 355-364, 2016</p> <p>B. Dumitrescu, A.D. Ionita, H. Gavrilă, Picking Lines Modeling, Rev. Roum. Sci. Techn.–Électrotechn. et Énerg., Vol. 61, 1, pp. 78–83, 2016 [IF = 0.47]</p> <p>A.D. Ionita, M. Mocanu, Multiple Modeling Paradigms Applied for Accidental Pollution Management, Env. Eng. and Management Journal, Vol.14, No. 9, 2015, pp. 2051-2060, ISI [IF = 1.065]</p> <p>A.D. Ionita, M. Mocanu, <i>A Metamodeling Perspective on the Users of a Service-Oriented Hydrology System</i>, The 2014 International Conference of Parallel and Distributed Computing, ICPDC 2014, July 2-4, 2014, London, U.K., pp. 530-535, ISI, CERTIFICATE OF MERIT</p> <p>A.D. Ionita, M. Litoiu, G. Lewis Eds., "Migrating Legacy Applications: Challenges in Service Oriented Architecture and Cloud Computing Environments", forwarded by Michael Papazoglou, IGI Global, 2013</p> <p>A.D. Ionita, A. Olteanu, T. Ionescu, L. Dobrica, <i>Automatic Transformations for Integrating Instrument Models across Technological Spaces</i>, Romanian J. of Information Science and Technology, Vol. 14, No 1, The Publishing House of the Romanian Academy, 2011, pp. 51-66, [IF = 0,453]</p> <p>J. Estublier, A.D. Ionita, T. Nguyen, <i>Code Generation for a Bi-dimensional Composition Mechanism</i>, In "Software engineering techniques: Third IFIP TC 2 Central and East European Conference, CEE-SET 2008, Brno, Czech Republic, October 13-15, 2008, revised selected papers", Lecture Notes in Computer Science, LNCS 4980, pp. 171-185, Springer, 2011</p> <p>A.D. Ionita, M. Florea, L. Jelea, <i>Correspondence between Multiple Views in a SOA Trans-National Business System</i>, Lecture Notes in Engineering and Computer Science, ICISIE 2009, London 1-3 iulie 2009, pp. 493-498, BEST PAPER AWARD</p> <p>A.D. Ionita, Catapano, A., Giuroiu, S., and Florea, M., <i>Service oriented system for business cooperation</i>. ICSE – SDSOA'08, Leipzig, 2008, ACM, New York, NY, 13-18, ERA RANK A</p> <p>J. Estublier, G. Vega, A.D. Ionita, <i>Composing Domain-Specific Languages for Wide-Scope Software Engineering Applications</i>, ACM / IEEE Proceedings of the 8th International Conference on Model Driven Engineering Languages and Systems, MoDELS 2005, Montego Bay, Jamaica, October 2-7, 2005, ERA RANK B</p> <p>J. Estublier, A.D. Ionita, <i>Extending UML for Model Composition</i>, Proc. Of Australian Software Engineering Conference (ASWEC), Publisher IEEE Computer Society, March 2005, Brisbane, Australia, pp. 31-38, 2005, ERA RANK B (corresponding author)</p> <p>A.D. Ionita, V. Ionita - <i>Reducing electromagnetic noise in biomedical signals</i>, Int. Journal of Applied Electromagnetics and Mechanics, vol.19, no.1-4, IOS Press, pp.179-182, 2004, [IF = 0,737]</p> <p>V. Ionita, B. Cranganu-Cretu, A.D. Ionita, <i>Object-Oriented Software for Advanced Characterization of Magnetic Materials</i>, IEEE Transactions on Magnetics, vol.38, nr.2, pp. 1101-1104, 2002 [IF = 1,213]</p>

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