



**Europass
Curriculum Vitae**



Personal information

First name(s) / Surname(s) **Grigore ALBEANU**
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Nationality Romanian

Date of birth 1961

Gender M

Desired employment / Occupational field Higher Education / Mathematics, Computer Science

Work experience

Dates 2007-2014
Occupation or position held Prof.
Main activities and responsibilities Teaching duties, research, and administrative tasks (Vice-Dean: 2008-2010, Dean: 2010-2012, Head of Department: 2012-2014)
Name and address of employer Spiru Haret University (<http://www.spiruharet.ro>), 13 Ion Ghica Str., Bucharest, Romania
Type of business or sector Higher Education
Dates 2004-2007
Occupation or position held Prof. (Ord MEC 5286/28.12.2001), ChairHolder
Main activities and responsibilities Teaching duties, research, and administrative tasks (UNESCO Chairholder:
<http://portal.unesco.org/education/es/files/49001/11509825155romania480.pdf/romania480.pdf>;
http://www.unesco.org/fileadmin/MULTIMEDIA/HQ/ED/UNITWIN/pdf/romania/romania%20480_06.pdf
<http://unesdoc.unesco.org/images/0014/001473/147331m.pdf>)
Name and address of employer University of Oradea (<http://www.uoradea.ro>), UNESCO Chair Department, Oradea, Romania
Type of business or sector Higher Education

Education and training

Dates 1992-1996
Title of qualification awarded PhD in Mathematics. Thesis: G. Albeanu. Numerical and statistical analysis of some nonlinear models. 1996.
Principal subjects/occupational skills covered Research
Name and type of organisation providing education and training Bucharest University, Faculty of Mathematics and Informatics
Level in national or international classification 8

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level (*)

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	

ENGLISH	C1	Independent user	C1	Independent user	C1	Independent user	C1	Independent user	B1	Independent user
FRENCH	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	A1	Independent user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	Problem-solving attitude; Strong referential values of fairness, equity and dignity; Responsibility, Self-respect and self-reliance
Organisational skills and competences	leadership; sense of organization (experience in logistics); good experience in project or team management
Technical skills and competences	
Computer skills and competences	Excellent computer proficiency: editing, programming, data mining
Artistic skills and competences	
Other skills and competences	
Driving licence	Yes, category B

Additional information

I received my B.S. in computer science (1984) and my Ph.D. in Mathematics (1996) from University of Bucharest, Romania with a thesis on nonlinear models (computational statistics approaches). From 1984 to 1989 I worked as software developer for ICAS (<http://www.icas.ro/EN/homeEN.htm>) and CCSIT-ITC (<http://www.itc.ro/>) in Bucharest (data analysis, computer aided design, information systems, real time operating systems, computer graphics). Starting with 1991, till 2002 I was been assistant, lecturer, and associate professor of computer science at Bucharest University. I was appointed professor of computer science at University of Oradea in 2002 [MEC decision 5286/28.12.2001]. During the interval 2004 - 2007 I was the head (Chairholder) of the UNESCO IT Department at University of Oradea. Since 2007, I am professor of computer science at Spiru Haret University in Bucharest.

My current research interests include different aspects of scientific computing, modelling and simulation, software reliability, virtual reality techniques, soft computing and E-Learning. I have authored or co-authored more than 80 papers and 10 educational textbooks in applied mathematics and computer science. I am member of different scientific boards in Romania and abroad, being active as referee (IJCCC, Conferences: ICCCC, CSEDU, IARIA, SSARS, ICVL), reviewer (for ACM Computing reviews since 1988), chairman (International Conferences: ESREL 2005, ELSE 2007, ELSE 2008, ELSE 2009, SSARS 2009, etc), and invited professor (SSARS). Jointly with Marin Vlada (project coordinator, University of Bucharest) Mircea Dorin Popovici (Ovidius University of Constantza) and Radu Jugureanu (SIVECO Romania) I organize the International Conference on Virtual Learning (<http://www.icvl.eu>).

Annexes

Selected scientific publications:

- G. Albeanu, On developing virtual reality applications using the Scilab environment, Proceedings of ICVL 2013: http://c3.icvl.eu/disc/2013/icvl/documente/pdf/met/ICVL_ModelsAndMethodologies_paper02.pdf
- H. Madsen, G. Albeanu, Bernard Burtschy, Fl. Popentiu-Vladicescu, Reliability in the Utility Computing Era: Towards Reliable Fog Computing, IWSSIP 2013, July 7-9, Proceedings of IWSSIP 2013, IEEE Xplore: <http://ieeexplore.ieee.org/xpl/articleDetails.jsp?reload=true&arnumber=6623445>
- Albeanu Grigore, Towards intuitionistic fuzzy computational models of learning, Proceedings of eLSE 2013, Vol. 2, Editura Universitatii Nationale de Aparare "Carol I" (ISSN: 2066 - 026X print 2066 - 8821 online), <http://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jml=2066026X&AN=88803888&h=k0znMnYdMqMTno4t5S26IGTjNaMzFWySx0z7zX7dgFIKsJvqlcAfevGQvi7ZpFMpXk2jIVzBUN81HIZ5mW%2bJlw%3d%3d&crl=c>
- Albeanu Grigore, Popentiu -Vladicescu Florin, Performability metrics for online services in education, Proceedings of eLSE 2013, Vol. 2, Editura Universitatii Nationale de Aparare "Carol I" (ISSN: 2066 - 026X print 2066 - 8821 online), <http://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jml=2066026X&AN=88803793&h=%2fjinTePz%2fGt0Hu8f%2f3JqZoUv16ED2DEOR188nqNVzxlGrozaheVI36ZhON5fRoXQZ6q8pEuwx%2byFUi%2bEGq%3d%3d&crl=c>
- Albeanu G. Generative Techniques for Building Virtual Objects, Proceedings of ICVL 2012, Brasov, Romania, pp. 62-66, ISSN: 1844-8933: http://www.icvl.eu/2012/disc/icvl/documente/pdf/met/ICVL_ModelsAndMethodologies_paper02.pdf
- Henrik Madsen, Grigore Albeanu, Florin Popentiu -Vladicescu, Razvan-Daniel Albu. Optimal Reliability Allocation for Large Software Projects through Soft Computing Techniques. In Proceedings of PSAM 11 & ESREL 2012, 25-29 June 2012, Helsinki, Finland. 2012: <http://orbit.dtu.dk/en/publications/optimal-reliability-allocation-for-large-software-projects-through-soft-computing-techniques%28ce715562-243f-4f2f-bc71-431333f38718%29.html>
- Henrik Madsen, Grigore Albeanu, Fl. Popentiu-Vladicescu. An Intuitionistic Fuzzy Methodology for Component-Based Software Reliability Optimization. INTERNATIONAL JOURNAL OF PERFORMABILITY ENGINEERING, 8(1), 2012: <http://www.ijpe-online.com/january-2012-p5-an-intuitionistic-fuzzy-methodology-for-component-based-software-reliability-optimization.html#axzz2ruNjWvJ>
- Madsen H., R. -D. Albu, I. Felea, G. Albeanu, Fl. Popentiu-Vladicescu, R. C. Tarca . Web server's reliability improvements using recurrent neural networks. In Bérenguer, Grall & Guedes Soares (eds.), Advances in Safety, Reliability and Risk Management, pp. 2685-2690. Taylor & Francis Group, London, ISBN 978-0-415-68379-1, 2012.
- Madsen H., R. -D. Albu, Fl Popentiu-Vladicescu, R. C. Tarca, G. Albeanu. Designing a reliable protocol for web services based robots interconnection. In Bérenguer, Grall & Guedes Soares (eds.), Advances in Safety, Reliability, and Risk Management , pp. 2647-2652. Taylor & Francis Group, London, ISBN 978-0-415-68379-1, 2012.
- Albeanu G., Duda G., Recent soft computing methods in software reliability engineering. In Kolowrocki K., Soszynska-Budny J. (eds.), Journal of Polish Safety and Reliability Association, SSARS 2011 - Summer Safety and Reliability Seminars, 1, pp. 1-10. Polish Safety and Reliability Association, ISBN: 978-83-925436-2-6, 2011.
- Albeanu G., Duda I. G. . Intuitionistic Fuzzy Approaches for Quality Evaluation of Learning Objects. In H. Pham (ed.), Proceedings of 17th ISSAT International Conference on Reliability and Quality in Design, Vancouver B. C., Canada, August 4-6, 2011, pp. 258-262. International Society of Science and Applied Technologies, ISBN: 978-0-9763486-7-2, 2011.

- Madsen H., Velter V., Albeanu G., Popentiu-Vladicescu Fl. Recent Soft Computing Techniques in Software Risk Management. In I. A. Ryabinin, E. D. Solojntsev (eds.), Proceedings of the Ninth International Scientific School MA SR - 2011 (Saint-Petersburg, Russia, June, 28 - July 02, 2011), pp. 170-175. Published by Institute of Problems of Mechanical Engineering of Russian Academy of Sciences (IPME RAS), ISBN 978-5-8088-0627-6, 2011.
- G. Albeanu, B. Burtschy, Fl. Popentiu-Vladicescu, G. I. Duda. Intuitionistic Fuzzy Methods in Optimal Software Reliability Allocation. In I. A. Ryabinin, E. D. Solojntsev (eds.), Modelling and Analysis of Safety and Risk in Complex Systems. Proceedings of the International Scientific School MA SR. July 6-10, 2010, Saint-Petersburg, Russia, pp. 206-212. Institute of Problems of Mechanical Engineering of Russian Academy of Sciences (IPME RAS), 2010.
- G. Albeanu, G. Duda, N. Stancu-Mara. On Designing Highly Secure Embedded Systems. In H. Pham (ed.), Proceedings of the 16th ISSAT International Conference on Reliability and Quality in Design, pp. 174-178. International Society of Science and Applied Technologies, 2010.
- M. Vlada, A. Adascalitei, R. Jugureanu, G. Albeanu. CNIV and ICVL Projects - New Technologies in education and research. In I. Roceanu (coord.), V. Popescu, R. Jugureanu, V. Stefan, C. Radu (eds.), Proceedings of the 6th International Scientific Conference eLearning and Software for Education, pp. 301-312. Editura Universitara, 2010.
- G. Albeanu, R. C. Tarca, F. Popentiu-Vladicescu, I. M. Pasc. Interoperability assurance for remote mechatronic laboratories used for virtual training. In I. Roceanu (coord.), V. Popescu, R. Jugureanu, V. Stefan, C. Radu (eds.), Proceedings of the 6th International Scientific Conference eLearning and Software for Education, pp. 249-256. Editura Universitara, 2010.
- G. Albeanu, A. Averian, I. Duda. Web Software Reliability Engineering. R & RATA, Electronic Journal of International Group on Reliability, ISSN 1932-2321, 2(4), pp. 47-56, 2009.
- Albeanu G, Madsen H, and Averian A. On the influence of software vulnerabilities on software reliability. The case of open source component based software. In R. Bris, C. Guedes Soares, S. Martorell (eds.), Reliability, Risk and Safety: Theory and Applications, Proceedings of ESREL Conference, Prague, 7-10 September 2009, Vol. 2, pp. 1341-1346. CRC Press/Balkema, Taylor and Francis Group, London, UK, ISBN: 978-0-415-55509-8, 2009.
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- Albeanu G., Averian A. and I. Duda. Towards web applications reliability engineering. In Krzysztof Kolowrocki & Enrico Zio (ed.), Proceedings of SSARS, 1, pp. 15-22. Polish Safety and Reliability Association (ISBN: 978-83-925436-5-7), 2009.
- G. Albeanu. Agile CMMI for e-learning software development. In Roceanu I (coord.), Jugureanu R., Stefan V., Popescu V. & Radu C. (eds.), Proceedings of the 5th International Scientific Conference eLSE 2009 (Bucharest, April. 09-10, 2009), pp. 135-142. "Carol I" National Defence University P. H., 2009.
- G. Albeanu, H. Madsen, B. Burtschy, Fl. Popentiu-Vladicescu, Manuela Ghica. Bootstrapping time series with application to risk management. R & RATA, Electronic Journal of International Group on Reliability, ISSN 1932-2321, Vol 1(3), pp. 84-93, 2008.
- G. Albeanu, Manuela Ghica, Fl. Popentiu-Vladicescu. On Using Bootstrap Scenario-Generation for Multi-Period Stochastic Programming Applications. International Journal of Computers Communications and Control, III, pp. 156 - 161, 2008.
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- G. Albeanu, H. Madsen, Manuela Ghica, P. Thyregod, F. Popentiu-Vladicescu. On using bootstrap methods for understanding empirical loss data and dynamic financial analysis. In Peter Goos (ed.), ENBIS 7 Dortmund (September 24-26, 2007), CDROM. ENBIS, 2007.
- H. Madsen, P. Thyregod, G. Albeanu, Florin Popentiu. Risk pollution in the cement plants - a case study within NATO Science Programme. In E. D. Solojntsev (ed.), Proceedings of the International Scientific School on Modelling and Analysis of Safety and Risk in Complex Systems (September 4-8, 2007; Saint-Petersburg, Russia), pp. 206-211. IPME Russian Academy of Science, ISBN: 978-5-8088-0266-7, 2007.
- Ildiko Margit Pasc, Radu Catalin Tarca, Florin Popentiu-Vladicescu, Grigore Albeanu. On designing virtual environments based on intelligent mechatronic systems. In Hoang Pham (ed.), ISSAT International Conference on Modeling of Complex Systems and Environments (July 16-18, 2007; HO CHI MINH CITY, VIETNAM), pp. 126-130. International Society of Science and Applied Technologies, 2007.
- H. Madsen, P. Thyregod, B. Burtschy, G. Albeanu, Fl. Popentiu-Vladicescu. On using chained neural networks for software reliability prediction. In T. Aven & J. E. Vinnem (ed.), Risk, Reliability and Societal Safety, Proceedings of ESREL 2007, Stavanger, Norway, 25-27 June 2007, Vol. 1: Specialisation topics, pp. 411-418. Taylor & Francisc, 2007.
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- H. Madsen, P. Thyregod, B. Burtschy, G. Albeanu and F. Popentiu. A fuzzy logic approach to software testing and debugging. In C. Guedes Soares & E. Zio (ed.), Safety and Reliability for Managing Risk (ESREL 2006), Vol. II, pp. 1435-1442. Taylor and Francis Group, London, 2006.
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- H. Madsen, P. Thyregod, Fl. Popentiu, G. Albeanu. Computer Aided Statistical Modelling fights pollution. Scientific Computing World, ENBIS Magazine, 81, p. 39, 2005.
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- H. Madsen, P. Thyregod, F. Popentiu-Vladicescu, G. Albeanu, L. Serbanescu. A Decision Support System for Pollution Control in Cement Plants. In C. Spitzer, U. Schmocker and V. N. Dang (eds.), Proceedings of PSAM 07 - ESREL'04, June 14-18, 2004, 3, Probabilistic Safety Assessment and Management, pp. 1784-1789. Springer Verlag, Berlin, 2004.
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- G. Albeanu, R-F Niculescu & Fl. Popentiu-Vladicescu. Recent Approaches in Renewal Function Computation. In T. Dohi, N. Limnios and S. Osaki (eds.), Proc. of The Second Euro-Japanese Workshop on Stochastic-Risk Modelling for Finance, Insurance, Production and Reliability, September 18-20, 2002, Chamonix, France, pp. 518 - 523. 2002.
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