

CURRICULUM VITAE
Prof. habil. dr. Olegas Vasilecas
 19th January 2017



First name	Olegas	Degree, Academic title	Doctor of Science, Professor
Last name	Vasilecas		
Date of birth	05/10/1945	Gender	Male
E-mail	olegas.vasilecas@vgtu.lt	Website	http://www.isl.vgtu.lt/~olegas/
Current position	Full professor in Information System Department, Head and principal researcher of the Information System Research Laboratory of the Vilnius Gediminas Technical University (VGTU).		

Education

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
1967 KTU VF	graduated from Kaunas University of Technology, Faculty of Radio-electronics
1979 Vilnius university	Candidate of Science degree in Physics and Mathematics Science at Vilnius University.
1990 VISI	Docent degree (Natural Sciences),
1993 VTU	Doctor of Science degree (Natural Sciences).
2004 VGTU	Habilitation procedure (Information Systems)
2010 VGTU	Professor academic degree (Information Systems)

Award: 2014 was awarded of the title Doctor Honoris Causa of Latvia University

Employment record	<p>1968-1983 – engineer, doctoral student, junior researcher, group leader at the Semi-conductor Physics Institute of Lithuanian Academy of Sciences.</p> <p>1976-1983 – part time VGTU (former VISI) senior lecturer,</p> <p>Since 1983 - docent of Applied Mathematics and Mechanics Department, docent of Engineering Informatics Department.</p> <p>Since 1991 – VGTU head of Information System Research laboratory,</p> <p>Since 1993 – senior lecturer, docent of VGTU Engineering Informatics (now Information Systems) Department.</p> <p>Since 2004 VGTU full professor of Information Systems Department, Principal researcher and Head of the Information System research laboratory</p>
Membership of professional bodies	<ul style="list-style-type: none"> • Member of ACM (<i>Association for Computing Machinery</i>) since 2002, • Member of AIS (<i>Association for Information Systems</i>) since 2002.

Main Fields of Research and Teaching: Intelligent information systems; business, information and software systems engineering; knowledge based information systems; business process modelling and simulation; systems theory and engineering, modern databases	
Improvement of qualification	1989 – apprenticeship in China universities 2009 - apprenticeship in Riga Technical University, Faculty of Computer Science and Information Technology 2009 - apprenticeship in Ljubljana university, Faculty of Computer and Information Science. 2006-2008 – participation in preparation and implementation of the ESF Project „Information technologies Master study curricula renewal, development and mobility provision“(BPD2004-ESF-2.5.0-03-05/0063). Active participant of intensive training events organized by the project: - Summer school “Modern information systems studies and research”, 2007.08.17-25, KU. - Spring school and International Conference 2008.03.26 – 2008.04.02, KU. - Training course “Methodical aspects of implementation of master study programme in information systems” 2008.08.18 – 20.

Lecturing in universities and lecturing modules:

O Vasilecas are lecturing from year 1976. He gives lectures on Database Theory and Practice, Advanced databases, Data engineering, Knowledge Based Information Systems Engineering, Software Engineering, System Development Methods and Techniques, Systems theory and Systems Engineering, Business process modelling and simulation.

From year 2002 he regularly are lecturing in foreign universities. He gives lectures on Active Database systems, Knowledge based Information systems, Business rules in Information systems development, Business process modelling and simulation in Athens Economics and Business university, Catalonia technical university, Polytechnic University of Valencia, London metropolitan university, University of Ruse (Bulgaria), Riga technical university, Ljubljana University and some others universities and high schools.

Supervisions

- Supervisor of 12 successfully defended doctoral dissertation.
- Now are supervising 4 doctoral students.
- Member of 25 doctoral thesis defence committee.
- Supervisor of more than 40 successfully defended MSc theses.

Related Experience:

In 1972-1987 he has developed the software for modelling and simulation of processes in semiconductors, and the software for numeric modelling of processes in semiconductor devices, which was used for scientific and practical purposes. The software developed for this project was passed to State Algorithms and Programmes Committee “Algorithms and Programmes”. During 1985-1989 O. Vasilecas participated in the high-speed over-ground transport development project and developed software for the cryogen module heating and strength analysis. In 1994-1996 he as project leader fulfils the project “The research and development of new information technology for property objects identification and evaluation” ordered by Lithuanian State Science Foundation. In 2000 he as member of LITHUANIAN COMPUTER SOCIETY expert team has developed “Expert evaluation of non-functional characteristics of the software system *Profit*” of Joint stock ventures "Tamro". In this project information systems and software systems quality evaluation issues was deeply investigated. In 2002, O. Vasilecas as project leader has participated in the project “The research and implementation of specification and modelling techniques for advanced business information systems using active databases”. The project was conducted under the state research programs “The broadening of prioritised scientific research directions in Lithuania” and “The development of high technologies” by the order of Education and Science Ministry. In 2003, O. Vasilecas as leader of VGTU part of the project has participated in the project “Feasibility Study on Transfer of the Public Procurement to the Electronic Environment”.

O. Vasilecas is well known as the systems analyst, programmer and leader of many commercial projects. From 1990 more than 20 management, technical and accounting information systems were developed and implemented under his leadership. Most of these systems were developed for the biggest Lithuanian companies. These systems are developed in the field:

- Intelligent finance management information system.
- Human resources management system with knowledge management and training subsystem.
- Accounting systems.
- Maintenance and mechanical shop management (orders, technological processes, stocks, materials, equipment, etc.) information system.
- Technical equipment monitoring (pumps, reservoirs, stoves, etc.) information system.

International projects

O. Vasilecas was involved in the organisation of large successful international projects and events.

From 2011 to 2013 participated in the project “Research on increasing software development efficiency using objects repository and versions control tools” for implementation of the project “Business management systems platforms: scientific research and technological development of essential change of complex and integrated applications development tools set”.

From 2007 to 2009 he was leader of VGTU part of the High Technology Development Program Project „Business Rules Solutions for Information Systems Development (VeTIS)“ contract Nr. K B-04/2008, which was supported by Lithuanian State Science and Studies Foundation.

He was Lithuanian representative and coordinator of international workshops BalticDB&IS in 1994, 1996, 1998, the Organising Committee vice-chair of international workshop BalticDB&IS in 2000. O. Vasilecas was general chair of international conferences Information Systems Development 2004 (ISD’2004) and Baltic DB&IS’2006. He was one of two Program Co-chairs at Baltic DB&IS’2012.

During 2005-2007 O. Vasilecas was VGTU coordinator of European Commission Funded Project ISCAN - "Improving Skills, Competencies and Professional Qualifications in the area of Network Information Security for IT Managers and Staff in the Public Sector" (EL/05/B/P/PP – 148210), which involved skills of project members from European institutions in 6 countries.

During 2004-2007 he was the coordinator in VGTU of European Committee and Lithuanian Government supported SOCRATES/ERASMUS Thematic Network project “ETN DEC - Doctoral Education in Computing” (contract No 114046-CP-1-2004-1-BG-ERASMUS-TN), which involved 202 members from 73 partners' European institutions in 30 countries have developed education and training materials for PhD students.

2008-2011 took part as VGTU leader in Lifelong Learning Programme project TRICE - TEACHING, RESEARCH and INNOVATION IN COMPUTING EDUCATION. He was WP2 leader.

O. Vasilecas was general chair of international conferences Information Systems Development 2004 (ISD’2004) and Baltic DB&IS’2006.

During 2002-2004 he was the scientific coordinator in VGTU of European Committee and Lithuanian Government supported SOCRATES/ERASMUS PROG project "ECET – European Computing Education and Training" (contract No 114046-CP-1-2004-1-BG-ERASMUS-TN), which involved 150 members from European institutions have developed education and training materials for master level students.

During 2000-2003 he was the coordinator of European Committee founded and Lithuanian Government supported SOCRATES/ERASMUS PROG project (contract No 69077-IC-1-2001-1-LT-ERASMUS-PROG) "MOCURIS - modern curriculum in information systems at master level", which involved 9 universities and from year 2003 at all 22 European Universities have presented applications to participant in the project.

From 2001 he was scientific coordinator of European Commission Research DG Human Potential programme FP5 project High-Level Scientific Conferences "2001 ADBIS Conference on Advances in Databases and Information Systems" contract No. HPCF-CT-2001-00370.

In 1996-1998 he was the local coordinator of the Tempus Structural Joint European Project S_JEP-09752-95 "Introduction of Courses in Information Systems", the Lithuanian coordinator of international workshops BalticDB&IS in 1994, 1996, 1998, the Organising Committee vice-chair of international workshop BalticDB&IS in 2000.

Licensing:

In 1998, the classification committee of LITHUANIAN COMPUTER SOCIETY acknowledged Olegas Vasilecas as expert in information systems engineering and software engineering fields.

Publications and Papers:

During last 7 years more than 200 research papers and 7 text books in the field of information system development and software engineering published.

The most significant scientific works during the last years. Papers in TR ISI Web of Science journals and others.

1. Delak, Boštjan; Vasilecas, Olegas; Bajec, Marko. Novelties within the framework for information system due diligence // Journal of computer information systems. Philadelphia, USA: Taylor & Francis INC. ISSN 0887-4417. Vol. 57, iss. 1 (2017), p. 13-21.
2. Vasilecas, Olegas; Kalibatiënė, Diana [Kalibatiene, Diana]; Lavbic, Dejan. Rule- and context-based dynamic business process modelling and simulation // Journal of systems and software New York: Elsevier Inc. ISSN 0164-1212. Vol. 122 (2016), p. [1-15].
3. Vasilecas, Olegas; Savickas, Titas; Normantas, Kęstutis [Normantas, Kestutis]; Vysockis, Tadas; Kalibatiënė, Diana. A goal-oriented approach to dynamic business process simulation // Frontiers in artificial intelligence and applications. Databases and information systems IX : Amsterdam: IOS Press. ISSN 0922-6389, Vol. 291 (2016), p. 143-154.
4. Vasilecas, Olegas; Normantas, Kęstutis [Normantas, Kestutis]; Rusinaitė, Toma [Rusinaite, Toma]; Savickas, Titas; Vysockis, Tadas. Shared resource model for allocating resources to activities in BP simulation // Information and Software Technologies : 22nd international conference, ICIST 2016, Druskininkai, Lithuania, October 13-15, 2016 : proceedings. Berlin: Springer-verlag, 2016. (Communications in computer and information science, vol. 639, ISSN 1865-0929), p. 218-229.
5. Hovelja, Tomaž; Vasilecas, Olegas; Vavpotič, Damjan. Exploring the influences of the use of elements comprising information system development methodologies on strategic business goals // Technological and economic development of economy. Vilnius: Technika. ISSN 2029-4913. Vol. 21, no. 6 (2015), p. 885-898.
6. Normantas, Kęstutis [Normantas, Kestutis]; Vasilecas, Olegas. Extracting term units and fact units from existing databases using the Knowledge Discovery Metamodel // Journal of information science. London: SAGE Publications Ltd. ISSN 0165-5515. Vol. 40, no. 4 (2014), p. 413-425.
7. Savickas, Titas; Vasilecas, Olegas. Business process event log transformation into Bayesian belief network // Information systems development: Transforming organisations and society through information systems : proceedings of the 23rd international conference on information systems development (ISD2014 Croatia), September 2-4, 2014, Varaždin, Croatia. Varaždin: University of Zagreb, Faculty of organization and informatics, 2014, ISBN 9789536071432. p. 383-390.
8. Hovelja, Tomaz; Vasilecas, Olegas; Rupnik, Rok. A model of influences of environmental stakeholders on strategic information systems planning success in an enterprise // Technological

- and economic development of economy. Vilnius: Technika. ISSN 2029-4913. Vol. 19, no. 3 (2013), p. 465-488.
9. Žitnik, Slavko; Šubelj, Lovr; Lavbic, Dejan; Vasilecas, Olegas; Bajec, Marko. General context-aware data matching and merging framework // *Informatica*. Vilnius: Matematikos ir informatikos institutas. ISSN 0868-4952. Vol. 24, no.1 (2013), p. 119–152.
 10. Pivk, Aleksander; Vasilecas, Olegas; Kalibatienė, Diana [Kalibatiene, Diana]; Rupnik, Rok. On approach for the implementation of data mining to business process optimization in commercial companies // *Technological and economic development of economy*. Vilnius: Technika. ISSN 2029-4913. Vol. 19, no. 2 (2013), p. 237-256.
 11. Dubauskaitė, Rūta; Vasilecas, Olegas. Method on specifying consistency rules among different aspect models, expressed in UML // *Elektronika ir elektrotechnika*. Kaunas: KTU. ISSN 1392-1215. Vol. 19, no. 3 (2013), p. 77-81.
 12. Vavpotic, Damjan; Vasilecas, Olegas. Selecting a methodology for business information systems development: decision model and tool support // *Computer science and information systems (ComSIS)*. Novi Sad (Serbia): ComSIS Consortium. ISSN 1820-0214. Vol. 9, No. 1 (2012), p. 135-164.
 13. Kalibatienė, Diana; Vasilecas, Olegas. Application of the ontology axioms for the development of OCL constraints from PAL constraints // *Informatica*. Vilnius: Matematikos ir informatikos institutas. ISSN 0868-4952. Vol. 23, no. 3 (2012), p. 369–390.
 14. Laukaitis, Algirdas; Vasilecas, Olegas; Laukaitis, Ričardas [Laukaitis, Ricardas]; Plikynas, Darius. Semi-automatic bilingual corpus creation with zero entropy alignments // *Informatica*. Vilnius: Matematikos ir informatikos institutas. ISSN 0868-4952. Vol. 22, no. 2 (2011), p. 203-224.
 15. Furlan, Štefan; Vasilecas, Olegas; Bajec, Marko. Method for selection of motor insurance fraud management system components based on business performance // *Technological and economic development of economy*. Vilnius: Technika. ISSN 2029-4913. Vol. 17, no. 3 (2011), p. 535-561.
 16. Vavpotic, Damjan; Vasilecas, Olegas. An approach for assessment of software development methodologies suitability // *Elektronika ir elektrotechnika*. ISSN 1392-1215. 2011, No. 8 (114), p. 107-110.
 17. Šaša, Ana [Sasa, Ana]; Vasilecas, Olegas [Vasilecas, O.]. Ontology-based support for complex events // *Elektronika ir elektrotechnika*. ISSN 1392-1215. 2011, No. 7 (113), p. 83-88.
 18. Vasilecas, Olegas; Dubauskaitė, Rūta; Rok, Rupnik. Consistency checking of UML business model // *Technological and economic development of economy* Vilnius: Technika. ISSN 2029-4913. Vol. 17, no. 1 (2011), p. 133-150.

Participation in conferences

More than 70 presentations at the conferences in Vilnius, Kaunas, Klaipeda, Druskininkai, Tallinn, Riga, Stuttgart, Sankt-Petersburg, Dnepropetrovsk, Yerevan, Moscow, Bratislava, Gdansk, Athens, Sofia, Melbourne, Dresden, Varna, Bologna, Brussels, Izmir, Porto, Hanchang, China, Praha, Poznan, Paphos, Cyprus, Stockholm, Ruse, Ljubljana, Seville, Varaždin, Croatia and other countries and cities.

Member of Editorial Board

- Member of Editorial Board of International Journal of Information Technology and Control
- Member of Editorial Board of International Journal of Baltic Journal of Modern Computing (BJMC).
University of Latvia

Events Organized

General or Organising Chair of Conferences

- General chair of international conference Information Systems Development 2004 (ISD'2004);
- General chair of international conference Baltic DB&IS'2006.

- Organising chair of international conference Baltic DB&IS'2000.

Program Chair of Conferences

- Program chair of international conference Information Systems Development 2004 (ISD'2004);
- One of Program chair of international conference Baltic DB&IS'2006.
- One of Program chair of international conference Baltic DB&IS'2012.

Reviewer for international journals

- Computer science and information systems (ComSIS), an international journal, Belgrade, Serbia.
- Informatica, an international journal, Vilnius University, Lithuania
- International Journal of Information technology&Control, Kaunas University of Technology, Lithuania
- International Journal of Baltic Journal of Modern Computing (BJMC). University of Latvia
- Journal of Universal Computer Science, Austria.
- Journal of Applied computer systems, scientific journal of RTU, Riga Technical University, Latvia.
- Technological and Economic Development of Economy, TEDE, VGTU, Lithuania.

Member of Program Committee of International conferences

- CAiSE, International Conference on Advanced Information Systems Engineering.
- ADBIS, East-European Conference on Advances in Databases and Information Systems.
- Baltic DB&IS, International Baltic conferences on databases and information systems.
- ICEIS, International Conference on Enterprise Information Systems.
- CompSysTech, International Conference on Computer Systems and Technologies.
- ENASE, International Conference on Evaluation of Novel Approaches to Software Engineering.
- FedCSIS, Federated Conference on Computer Science and Information Systems.
- ICIST, International Conference on Information and Software Technologies.
- ISD, International Conference on Information systems development.
- PoEM, International Conference on the Practice of Enterprise Modelling
- RCIS, International Conference on Research Challenges in Information Science

Languages: Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
Lithuanian	1	1	1
English	1	2	2
Russian	1	1	1

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