

## Curriculum vitae

PERSONAL INFORMATION Tomas Krilavičius

📍 Ašigalio, LT 49226 Kaunas (Lithuania)

☎ +37061804223

✉ t.krilavicius@if.vdu.lt, t.krilavicius@bpti.lt

🌐 www.ajajai.lt if.vdu.lt www.bpti.eu

💬 Google Talk t.krilavicius@gmail.com

Date of birth 14/02/1974 | Nationality Lithuanian

## WORK EXPERIENCE

---

02/09/2013–Present Full professor  
Informatics faculty, Vytautas Magnus university, Kaunas (Lithuania)  
Research, education, management

01/03/2012–Present Information technologies branch manager  
Baltic Institute of Advanced Technology, Vilnius (Lithuania)  
Research, management

18/04/2013–30/06/2015 Research Associate  
Vytautas Magnus University, Informatics faculty, Kaunas (Lithuania)  
Scientific supervisor of Multi-language documents analysis environment project and researcher in Learning and Execution of Action Categories project

01/09/2010–31/08/2013 Associate professor  
Informatics faculty, Vytautas Mangus university, Kaunas (Lithuania)  
Research, education, management

01/04/2010–28/02/2012 Research associate  
Baltic Institute of Advanced Technology, Vilnius (Lithuania)  
Research

01/09/2008–31/08/2010 Assistant professor  
Vytautas Magnus university, Kaunas (Lithuania)  
Teaching, research

01/09/2007–01/08/2008 Project manager  
Vytautas Magnus university, Kaunas (Lithuania)  
Project management

01/05/2007–01/05/2008 Postdoc  
Vytautas Magnus university, Kaunas (Lithuania)

	Research	
01/02/2007–01/03/2008	Project and product manager UAB ElitNet, Kaunas (Lithuania) Telco and IT products and projects manager	
01/03/2006–31/06/2006	Research assistant (onderzoeker) Formal Methods and Tools group, University of Twente, Enschede (Netherlands) Research	
01/09/2001–02/12/2006	Learning assistant (AiO) Formal Methods and Tools group, University of Twente, Enschede (Netherlands) Research, teaching	
01/11/2000–01/08/2001	Project manager UAB Elsis, Kaunas (Lithuania) Projects manager, Internet technologies group manager	
01/06/1995–31/12/2000	Software developer UAB Equinox Europe, Kaunas (Lithuania) Software development	

## EDUCATION AND TRAINING

---

06/09/2006	PhD in Computer Science University of Twente, Enschede (Netherlands) Formal methods, Hybrid Systems Modelling and Analysis	EQF level 8
01/07/1996–01/07/1998	Master of Applied Computer Science (Informatics) Vytautas Magnus university, Kaunas (Lithuania)	EQF level 7
01/07/1992–31/06/1996	Bachelor of Applied Computer Science (Informatics) Vytautas Magnus university, Kaunas (Lithuania)	EQF level 6

## PERSONAL SKILLS

---

Mother tongue(s) Lithuanian

Other language(s)

UNDERSTANDING	SPEAKING	WRITING
---------------	----------	---------

## Curriculum vitae

	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Russian	C2	C2	C2	C2	C1
Polish	C1	B2	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

- Communication skills** Work in multicultural environment, international cooperation gained through working in scientific projects.
- Organisational / managerial skills** Management skills acquired in managing different projects and different management tasks in faculty.
- Job-related skills** Research , application of scientific results, teaching obtained by working in universities and research institutes
- Digital competence** R, LaTeX, Perl, Matlab, Uppaal, Weka, general text processing and presentation making using diverse tools, different operating systems (Windows, various flavours of Linux, Mac OS, Android, iOS)

## ADDITIONAL INFORMATION

- Memberships**
- Member of ACM, <http://www.acm.org>, 2012- ; IEEE, <http://www.ieee.org>, 2013; ACL, <http://www.aclweb.org>, 2013
  - Member of Lithuanian Scientific Society, <http://www.lms.lt>, board member from 2012 04
  - Member of Futura Scientia, <http://www.futurascientia.lt>
  - Honorary member of Lithuanian Society of Young Researchers (LSYR). Member of Lithuanian Society of Young Researchers (LSYR) 2004 - 2010; member of council: 2006 12 - 2007 12, <http://www.ljms.lt>
  - Member of IPA (Institute for Programming research and Algorithmic, The Netherlands), 2001-2006, <http://www.win.tue.nl/ipa/>
- Scientific Expert**
- Member of Lithuanian Higher Education Council, 2014 - ...
  - COST TDP Expert, 2014 - ...
  - Vytautas Magnus University, Scientific Fund Board member, 2015 - ...
  - Vytautas Magnus University, Scientific Areas in physical and biomedical sciences committee member, 2015 -
  - Member of Clarin Eric (<http://www.clarin.eu>) Centre Assessment Committee, 2012 -
  - Assessment of a study programmes in branch “Information Technologies (computing) and Study Programmes of Information Technologies in engineering study direction (Automation and Computer Engineering, telecommunications, Computer Control and Computer Science, Signal processing”, the European Social Fund project “Evaluation of higher education study programmes and proposals for improvement of quality”, No

2011/0012/1DP/1.1.2.2.1/11/IPIA/ VIAA/001, March 17 - 26 and May 11-13, 2012

- RTD Technological Audit – Lithuania, scientific reviewer, 2009
- The Best Lithuanian Dissertation of the Year 2006, 2007, 2008 and 2009, 2010, 2011, 2012, 2013, 2014 reviewer in the first round
- The Best Lithuanian Master Thesis of the Year 2014, 2015 reviewer
- Smalsūs tiksliai (<http://www.goethe.de/ins/lt/vil/lhr/wet/dhk/ltinde...>), reviewer, 2013, 2014
- Scientific Soup (Mokslo sriuba, <http://mokslosriuba.lt/>), 2014
- Code Poetry 2014 expert

Dissertation Committee member

- Reinholds Zviedris, Object Monitoring Using Low Power Consumption Embedded Devices and Heterogeneous Wireless Sensor Networks, 2015 08 21, University of Latvia
- Martins Zviedris, Data as Ontology - Storage, Query and Visualization, 2014 11, University of Latvia
- Artis Mednis, Recording and processing of vehicles motion parameters using distributed systems, 2014 04, University of Latvia
- Justina Mandravickaitė, co-advisor, 2015 - ...

Conferences

- Pirmininkas/ko-pirmininkas, org. komiteto narys
  - Information Society and University Studies/Information Technologies (IVUS 2010, 2013, 2016), International PhD and master students conference, <http://if.vdu.lt/~ivus/>
  - DATICS (Design, Analysis and Tools for Integrated Circuits and Systems) workshops at ([www.datics.org](http://www.datics.org)): BCFIC 2012 (Baltic Conference on Future Internet Communications); GPC 2013 (Int. Conf. on Grid and Pervasive Computing); IMECS 2012, 2013, 2014, 2015, 2016 (Int. MultiConf. of Engineers and Computer Scientists); IS3C 2014 (Int. Symp. on Computer, Consumer and Control); ISOCC 2013 (Int. SoC Design Conf.); MUE 2014 (Int. Conf. on Multimedia and Ubiquitous Engineering)
  - Social and exact sciences in Lithuania: cooperate impossible split, session in VU TSPMI ir Lietuvos politologų asociacijos metinės konferencijos "Valstybė ir politikos mokslai: stebėti negalima kurti" diskusija, 2013 11 22
  - Media Culture: Art, Communication, Technologies, 2012, Kaunas, Lithuania
  - Interdisciplinarity: How to Make it Work, 2012, Vilnius, Lithuania
  - 11th Dutch Testing Days, local organiser, University of Twente, The Netherlands. <http://fmt.cs.utwente.nl/testdag2005/>
- International program committee (IPC)
  - Int. Conf. on Augmented and Virtual Reality (Salento AVR) 2014, 2015, <http://www.salentoavr.it/>
  - Int. Conf. on Human Language Technologies - The Baltic Perspective (BP HLT), 2014
  - Biennial Workshop on Balto-Slavic Natural Language Processing (BSNLP) 2015, 2016
  - Int. Conf. on Advances in Circuits, Electronics and Micro-electronics (CENICS), 2011, 2012, 2013, 2015
  - The 16th EURAS Annual Standardization Conference, 2011, <http://www.euras.org/euras-2011>
  - International Conference on Information and Software Technologies (ICIST) 2014, 2015, <http://icist.if.ktu.lt>

## Curriculum vitae

- Int. Conf. on Information Technologies - Applications and Theory (ITAT) 2014, 2015, <http://itat.ics.upjs.sk/>
- Int. Conf. on Information Society and University Studies/Information Technologies (IVUS/IT) 2010, 2011, 2013, 2014, 2015, 2016), <http://if.vdu.lt/~ivus/>, <http://ivus2014.if.ktu.lt>
- Int. Conf. Language Resources and Evaluation (LREC) 2016, <http://www.lrec-conf.org/>
- IEEE Int. Conf. on Networked Embedded Systems for Enterprise Applications (NESEA) 2010, 2011, 2012, <http://www.nesea-conference.org>
- General PARSEME meeting workshops, 2015, 2016 <http://typo.uni-konstanz.de/parseme/index.php/even...>
- Int. Conf. on Platform Technology and Service (PlatCon), 2014, 2015, <http://www.platcon.org/>
- DATICS ([www.datics.org](http://www.datics.org)) workshops at FutureTech 2010; ICIEA 2009 (IEEE Conf. on Industrial Electronics and Applications); ICIS 2010 (Int. Conf. on Information Sciences and Interaction Sciences); ICMS 2009 (Int. Conf. of Mathematical Sciences); IMECS 2009, 2010, 2011, 2012, 2014 (IAENG Int. MultiConf. of Engineers and Computer Scientists); ISPA 2011 (IEEE Int. Symp. on Parallel and Distributed Processing with Applications); NESEA 2010, 2011, 2012 (Int. Conf. on Networked Embedded Systems for Enterprise Applications); NPC 2012 (IFIP Int. Conf. on Network and Parallel Computing)

### Editorial Board Member

- IJDATICS, International Journal of Design, Analysis and Tools for Integrated Circuits and Systems, [http://digilander.libero.it/systemcfl/IJDATICS/editorial\\_board.html](http://digilander.libero.it/systemcfl/IJDATICS/editorial_board.html)

### Projects

- CRoNoS (Computationally-intensive methods for the robust analysis of non-standard data), IC1208 COST Action, 2015 11 - ...
- Open Data-Based Automated CIS and EU Eastern partnership countries economical and political state analysis (ECOPOP), Lithuanian Research Council, 2015, research associate
- CLARIN LT (CLARIN ERIC), funded by Lithuanian Research Council (LMT), senior research associate, 2015 07 - ...
- Interdisciplinary summer school Insomnia, 2014, 2015, tutoring
- Researchers Night @ Vytautas Magnus University, 2014 - ...
- Parseme (IC1207 COST Action), PARSing and Multi-word Expressions, 2013 11 - ...
- Digitization of Underground Media (1940-1953), with Lithuanian Institute of History, funded by LMT, 2014 - 2015
- Roboratai (Robowheels), development of mobile autonomous robotic platform with Rubedo Systems, research supervisor, 2013 - ...
- DADA (VP1-3.1-ŠMM-10-V-02-025), multi-language document analysis environment, scientific manager, 2013 04 - ...
- ACAT (ICT-2011.2.1 600578) focuses on how artificial systems (robots) can understand and utilize information made for humans., <http://www.acat-project.eu/>, research associate, April, 2013 - ...
- Researchers Night 2013, local organizers (Vytautas Magnus university), 13 September,

2013

- PolSys, Prototype of Lithuanian political system information archive, conceptual model of Lithuanian political system (Duomenų apie Lietuvos politinę sistemą įgijimo, autorinių teisių užtikrinimo, archyvavimo, dokumentavimo ir sklaidos sistemos pirminio prototipo sukūrimas), 2010 - 2011
- RePOZ, Modelling and analysis of respiratory compensation system for radiation therapy system with HexaPOD couch, with Rubedo systems, 2010 - ...
- LIMS, Creation and Harmonization of Lithuanian Digital Resources' Metadata System with CLARIN, October, 2010 - December, 2010
- E-democracy, Parliamentary Voting Analysis, Methods and techniques for parliamentary voting analysis, 2007-2009
- Innovative Training of Practical IT Skills in Continuous Studies, Goals: modernisation of education techniques and development of practical IT skills. Supported by (BPD2004-ESF-2.4.0-03-05/0121), September, 2007 - August, 2008
- HiTess, HiTess, research of Hybrid Systems Modelling, Simulation and Testing. Quantitative techniques in political science. Post-doc project, funded by Creation and Propagation of Postdoctoral Studies in Natural sciences („Gamtos mokslų doktorantūrinių stažuojų (post doc'ų) sistemos sukūrimas ir įdiegimas“) project, May, 2007 - May, 2008
- LIST, Laboratory for Interoperability of Small Tools. Tools integration and interoperability. Development and integration of tools for formal methods in an academic environment, March, 2006 - September, 2006
- HYCON (Hybrid Control: Taming Heterogeneity and Complexity of Networked Embedded Systems), WP3 -Tool Integration, <http://wp3.hycon.bci.uni-dortmund.de/>, September, 2004 - March, 2006
- CASH (Compositional Analysis and Specification of Hybrid Systems), NWO 617.023.002, <http://fmt.cs.utwente.nl/projects/CASH>, September, 2001 - August, 2005
- AMETIST, EU project (IST-2001-35304) on Advanced Methods for Timed Systems, <http://ametist.cs.utwente.nl>, April, 2002 - June, 2005

## Teaching

- Courses
  - Data Visualisation, master course (All Mathematics and Informatics programmes), Vytautas Magnus University, 2012 -
  - Information Modelling, bachelor course, Informatics faculty, Vytautas Magnus University, 2014 -
  - Information Resources Management, Education and Information Technologies programme, Vytautas Magnus University, 2014
  - Formal Methods in Modelling, master course for applied computer science students, Informatics faculty, Vytautas Magnus University, 2007 - ...
  - Information Modelling and Retrieval, master course for computer linguistics students, Informatics faculty, Vytautas Magnus University, 2009
  - Information Modelling and Retrieval, master course for business computer science students, Informatics faculty, Vytautas Magnus University (planned)
  - Electronic Business and ICT Infrastructure, with V. Fomin master course for business computer science students (practice and selected lectures), Informatics faculty, Vytautas Magnus University, 2009 - 2010
  - IT Governance, with B. Balvočius, master course for business computer science students (selected lectures), Informatics faculty, Vytautas Magnus University, 2010 - 2011

## Curriculum vitae

- Operating Systems, bachelor course for computer science students (half of the course, together with D. Vitkutė-Adžgauskienė), Informatics faculty, Vytautas Magnus University, 2010 -
- Technologies of Information Society, with K. Šidlauskas V.V. Fomin, university-wide bachelor course, Vytautas Magnus University, 2010 -
- Supervision
  - Master projects, Informatics faculty and Centre of Computational Linguistics, Vytautas Magnus University (2007-...).
  - Bachelor projects, Informatics faculty, Vytautas Magnus university, (2010 -...)
  - Master projects, Formal Methods and Tools group, University of Twente (2001-2006).
  - Bachelor projects, Business Informatics Dept., Kaunas University of Technology (1999-2001).
- Erasmus Visiting lecturer
  - June 14-18, 2009, Faculty of Informatics, Hochschule Zittau/Görlitz (FH) (University of Applied Sciences), lectures on Formal Methods: Theory and Practice (Timed automata and Uppaal)
  - June 8-12, 2010, Faculty of Informatics, University of the Basque Country
  - November 29 - December 3, 2010, University of Salento, Formal Methods: Theory and Practice (Timed automata and Uppaal)
- Programme committee member
  - Responsible for computer science part in Interactive Web Design bachelor programme, in Arts dept., Vytautas Magnus University, 2009
  - Internet and Multimedia Technologies, B.Sc., Informatics faculty, Vytautas Magnus university, programme director, 2010 -
  - Applied Informatics, M.Sc., Informatics faculty, Vytautas Magnus university, 2009 -
- External courses
  - Mokslo pieva (www.mokslopieva.lt), Expert
  - UAB „Leksinova“. Application of NLP (Natural Language Processing) in Information Retrieval: Introduction. October 25, 2010
  - Higher Education Information and Management Systems: preconditions and conditions. February 14-15, 2011