Vitālijs Butenko

Date of Birth	**27.02.1984**
Nationality	**Latvian**
Marital status	**Single**
Address	**CER-ETH, Zurichbergstrasse 18, 8092 Zürich Switzerland**
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EDUCATION

2009 – present	**Swiss Federal Institute of Technology (ETH Zürich)**, Department of Management, Technology, and Economics, *Doctoral Student*
2006 – 09.2008	**Swiss Federal Institute of Technology (EPF Lausanne)** School of Computer and Communication Science, *Ing.Sys.Com.Dipl.EPF*
2006 – 2008	**Swiss Federal Institute of Technology (EPFL, Switzerland)** Minor in Management of Technology and Entrepreneurship
2005 – 2006	**Riga Technical University (RTU)** Faculty of Electronics and Telecommunications, *M.Sc. in Telecommunications (2009)*
Spring 2005	**Royal Institute of Technology (KTH, Sweden)** Erasmus Exchange Student
2002 – 2005	**Riga Technical University (RTU, Latvia)** Faculty of Electronics and Telecommunication, *B.Sc. in Electrical Engineering*

SCHOLARSHIPS & DISTICTIONS

- ✓ **Swiss Federal Institute of Technology Excellence scholarship** for outstanding academic performance 10.2006 – 10.2008
- ✓ Target program of "**Education, Science and Culture**" and **LMT** (Latvian Mobile Telephone) scholarship competition winner in the field of Electrical Engineering. 09.2006 – 01.2007
- ✓ Target program "**Education, Science and Culture**" and **Lattelekom** scholarship competition winner in the field of Electrical Engineering for the 3 consequtive years 2004 – 2006
- ✓ **Latvian Foundation for Education** Gold medal for academic merit 2006
- ✓ **Latvian Foundation for Education** Grant for academic merit 26.07.2005
- ✓ **Samsung Electronics** 1st level Annual Grant for excellent results in studies 01.07.2005
- ✓ **Riga Technical University** scholarship for excellent results in studies 2004-2005

PARTICIPATION IN CONFERENCES

Geneva International Model United Nations, **GIMUN**, Delegate of the Federative Republic of Brazil at the UN Conference on Trade and Development. Geneva, March 29th- April 4th, 2008

Vienna International Model United Nations, **VIMUN**, Representative of the Slovak Republic in the UN Security Council. Vienna, August 5th-9th, 2007

The 45th Student Scientific Conference, Telecommunication section. Theme "Negative refraction in artificial materials", Riga, May 17th, 2004

UNESCO Conference for Young Researchers of the Nature of Latvia. Theme "Small dozes of radiation around us", Riga, May 10th, 2002

PUBLICATIONS

1. Butenko V. *Analytical solution of eigenvalue equation and cutoff frequencies for optical fibers with a negative index of refraction*, Latvian Journal of Physics and Technical Sciences, Nr.1-2006
2. Butenko V., Ozols A. *Negative index of refraction*, Proceedings of the 45th student scientific conference. Vol. 1, Riga, RTU publishing house, 2004, p.75. (in Latvian)
3. Experimentation in Democracy (in process, together with Hans Gersbach and Johannes Becker)
4. General topic publications at the Diplomatic Economic Club, Riga, www.dec.lv

LANGUAGES

Russian, Latvian – native
English – fluent
French, German – intermediate

WORK EXPERIENCE

01.2009 – present	**Center of Economics Research at ETH Zürich (CER-ETH),** scientific assistant
09.2008 – 12.2008	**National Center of Competence in Research, Mobile Information & Communication Systems (NCCR-MICS),** engineer
04.2008 – 09.2008	**International Telecommunication Union (ITU)**, Radiocommunication Bureau, internship
07.2006 – 08.2006	**Swiss Federal Institute of Technology (EPFL)** Laboratory of Nonlinear Systems, research assistant in chaos communications
04.2006 – 06.2006	**State Agency Institute of Electronics and Computer Science, Latvian University,** signal processing engineer
01.2005 – 05.2009	**Diplomatic Economic Club in Riga (DEC)**, Assistant Secretary

LEADERSHIP AND ORGANISATIONAL SKILLS

- ✓ President, **Association of Scientific Staff at ETH Zürich** (AVETH) 09.2010 – present
- ✓ Financial Officer, **Association of Scientific Staff at ETH Zürich** (AVETH) 10.2009 - present
- ✓ Member of the **ETH Zürich University Assembly** 04.2009 – present
- ✓ Member of the **Diplomatic Economic Club** (DEC) 06.2009 - present
- ✓ Member of the **EPFL School Assembly** 09.2007 – 09.2008
- ✓ PET bottles recycling project creator for the city of Gulbene, 2003 – 2004
- ✓ President of Student Council, Riga 21st secondary school 09.2000 –10.2001
- ✓ School Board member 2000 – 2002
- ✓ Music Band founder, bass guitarist, played & organized concerts for students 2001- 2004

CONTRIBUTIONS TO ART PROJECTS

- Contemporary Art exhibition "Hespérides II. Performances" at the Musée cantonal des Beaux-Arts in Lausanne. Performance *Cod.Act* [André & Michel Décosterd] and *Climat n°3* [Jean-Jilles Décosterd], 2009
- Permanent lightening installation *"Climat"* at the Musée cantonal des Beaux-Arts in Lausanne. Project's architect - Jean-Jilles Décosterd, 2008
- Dancing project *Home* of the Swiss artist and choreographer Gaspard Buma, 2007-2008

HOBBIES

19.02.2009	**Vienna State Opera Ball debutant**
2007 – present	Salon dances
2000 – 2002	Riga 21st secondary school Chess club member
1995 – present	Long distance running (participated in Lausanne semi marathon 2006-2010, best time 1:35.20)

TENNIS

2006 - present	Tennis player
2002 – 2006	Riga Technical University Tennis team player
1991 – 2002	Tennis club “Fortuna un Sports” player

AWARDS AT SECONDARY SCHOOL OLYMPIADS

25.03.2002	**II place** at Scientific papers competition of secondary schools of Riga.
13.02.2002	**II place** at Olympiad in Chemistry of secondary schools of Riga.
02.02.2002	**IV place** at 52nd Mathematical Olympiad of secondary schools of Riga.
27.05.2001	**IV place** at 28th Open Mathematical Olympiad of Latvian Republic.
02.02.2001	**III place** at 51st Mathematical Olympiad of secondary schools of Riga.
04.02.2000	**II place** at 50th Mathematical Olympiad of secondary schools of Riga.