

# Curriculum Vitae



## Serhiy SHTOVBA

Full Professor

Doctor of Science (on information technologies)

Electronic Engineer

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<b>Date of birth</b>	17 September 1971
<b>Nationality</b>	Ukrainian
<b>Occupation</b>	Professor, Computer Control Systems Department, Vinnytsia National Technical University, Vinnytsia, Ukraine.
<b>Research interests</b>	Applications of mathematical modeling, optimization, and data science (especially applied statistics, fuzzy logic, genetic algorithms, ant algorithms) in the following fields: reliability of human-computer interaction; reliability of algorithmic process; technical and medical diagnosis; expert systems; decision making support systems; knowledge discovery; scientometrics.
<b>Education</b>	2015, Summer School “Reasoning”, International Center for Computational Logic, 2 weeks, Dresden, Germany (organized by Dresden Technical University); 2011, <b>Full Professor</b> for Computer Control Systems Department, Attestation Commission, Kyiv, Ukraine; 2010, <b>DrSc</b> on information technologies, Vinnytsia National Technical University, Ukraine; 2006, Summer School “Knowledge Structure”, International Center for Computational Logic, 2 weeks, Dresden, Germany (organized by Dresden Technical University); 2005, Summer School “Logic-Based Knowledge Representation”, International Center for Computational Logic, 2 weeks, Dresden, Germany (organized by Dresden Technical University); 2002, <b>Docent</b> for Computer Control Systems Department, Attestation Commission, Kiev, Ukraine; 2001, Complex Systems Summer School, 4 weeks, Budapest, Hungary (organized by Santa Fe Institute and Central European University); 1997, <b>Ph.D.</b> on mathematical modeling, Vinnytsia State Technical University, Ukraine; 1993, <b>Electronic Engineer</b> with honours, Vinnytsia Polytechnic Institute, Ukraine.
<b>Publications</b>	> 170, 5 books, more 120 articles.
<b>Citations</b>	Scopus – 68; Web of Science – 43; Google Scholar – 1827.
<b>Career</b>	Professor (2007), Post-Doc Fellow (2003), Associate Professor (2002), Assistant Professor (1997), Researcher (1996), PhD-Student (1993).
<b>Supervised PhD Thesis</b>	2006, Olexiy Kozachko “Modeling of Multistage Algorithmic Process Reliability”.
<b>Lecture courses</b>	Discrete Mathematics;                      Methods of Optimization; Computational Intelligence;              Reliability of Complex Systems;

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<b>Research projects</b>	<p>2015, Information technology for multi-criteria synthesis of fuzzy knowledge bases;  2013, Hybrid fuzzy models based identification of multifactor dependences;  2013, Forecasting of natural gas consumption by individual users;  2006, Models for Efficiency Evaluating of Decision Support System;  2001, Models and Algorithms for Optimal Control of Intelligent Systems;  1999, Fuzzy-Genetic Modeling and Optimization of Man-Machine Systems;  1996, Theory of Analysis and Synthesis the Algorithmic Processes under Uncertainty;  1995, Models and Algorithms for Decision Making Based on Fuzzy Inference;  1993, Fuzzy Reliability Assessment of Man-Machine System Functioning Quality.</p>
<b>Other activities</b>	<ul style="list-style-type: none"> <li>• a member of Academic Council D 05.052.01 for defense of PhD theses and Doctoral theses on information technologies, Vinnytsia National Technical University;</li> <li>• an editorial board member of Ukrainian journal “Вісник Вінницького політехнічного інституту – Visnyk of Vinnytsia Polytechnical Institute”, of Ukrainian journal “Neuro-Fuzzy Modeling Techniques in Economics”, and of Russian journal “Exponenta Pro: Математика в приложениях – Mathematics in Applications” (2003 – 2003);</li> <li>• an expert in Fuzzy Logic Toolbox on <a href="http://matlab.exponenta.ru">http://matlab.exponenta.ru</a> , SoftLine Inc., Moscow (2001 – 2006).</li> </ul>
<b>Grants and honours</b>	<ul style="list-style-type: none"> <li>• Ukrainian President grant for excellent young doctors of science, 2015;</li> <li>• Erasmus Mundus grant, project “Backis” with Montpellier University (France), staff level, 2015;</li> <li>• Stipendiary of Ukrainian Government as Excellent Young Researcher, 2005, 2004, 2003, 1997, 1996, and 1995;</li> <li>• Certificates of Gratitude from Minister of Science and Education in Ukraine, 2000–2002;</li> <li>• Grant of Santa Fe Institute and Central European University for Summer School, 2001;</li> <li>• Grants of Dresden Technical University for Summer Schools, 2005, 2006, 2015.</li> </ul>
<b>Contact</b>	<p>Computer Control Systems Department,  Vinnytsia National Technical University,  Khmelnitske Shose, 95,  Vinnytsia, 21021, Ukraine  Tel.: (380-432)-598430, 598222  Fax: (380-432)-511581  shtovba@vntu.edu.ua  shtovba@gmail.com</p> <p>-----</p> <p><a href="http://www.shtovba.vk.vntu.edu.ua">www.shtovba.vk.vntu.edu.ua</a>  <a href="http://www.shtovba.vinnitsa.com">www.shtovba.vinnitsa.com</a>  <a href="https://www.scopus.com/authid/detail.uri?authorId=6507753602">https://www.scopus.com/authid/detail.uri?authorId=6507753602</a>  <a href="http://scholar.google.com.ua/citations?user=4POyYXgAAAAJ&amp;hl=ru">http://scholar.google.com.ua/citations?user=4POyYXgAAAAJ&amp;hl=ru</a>  <a href="http://www.researchgate.net/profile/Serhiy_Shtovba">http://www.researchgate.net/profile/Serhiy_Shtovba</a></p>