CURRICULUM VITAE

of Prof. D.Sc. Stefan Todorov Hadjitodorov
Vice-president of the Bulgarian Academy of Sciences

DATE AND PLACE OF BIRTH: 30. 04. 1953, Sofia, Bulgaria.

AREAS OF INTERESTS: data analysis, patern recognition, neural networks, scientific management, national security research

EDUCATION, ACADEMIC DEGREES AND TITLES:

Institution	Degree/Title	Year
Technical University, Sofia	Engineer	1978
Technical University, Center of Applied Mathematics	Engineer-mathematician	1979
Technical University	PhD	1983
Bulgarian Academy of Sciences, Center of Biomedical Engineering, at present Institute of Biophysics and Biomedical Engineering (BAS-IBPBME)	Research Fellow	1983
BAS-IBPBME	Associate Professor	1989
Technical University	DSc	1998
BAS-IBPBME	Professor	2001
Bulgarian Academy of Sciences	Corresponding Member	2014

RESEARCH AND APPLIED RESEARCH ACTIVITIES:
- Books – 3;
- Scientific papers- 79;
- Publications in conference proceedings - 56;
- Citations - 1575 (according Google Scholar, h-index=15); 782 (acc. SCOPUS, h-index-11, w/o autocitations) and 587 (acc. WEB of KNOWLEDGE, h-index-10, w/o autocitations);
- Leadership of international and national scientific projects – 20 (7 international and 13 national).
- Participation in other international and national projects – 44 (12 international and 34 national).
- Editorial boards – 4 (3 at present - *Bioautomation Online, International Electronic Journal*; *Notes of Intuitionistic Fuzzy Set Journal and Engineering Sciences Journal)* and *Nauka Journal* (2008 - 2013).

ADMINISTRATIVE, SCIENTIFIC MANAGEMENT AND EXPERT ACTIVITIES:
- Deputy Director - BAS-IBPBME, 1990-1991;

- Head of Department "Biomedical informatics" at BAS-IBPBME,1993- 2007;
- Scientific Secretary of BAS, responsible for engineering sciences institutes, 1992- 2008;
- Scientific Secretary General of BAS - 2008-2012;
- NATO, Science Committee, National Representative to the NATO Science Committee, 1994-2014;
- Director of Center for National Security and Defence Research (CNSDR)– Bulgarian Academy of Sciences, 2002-2008 and 2014 – present;
- EU, FP7 Programme Committee "Security", National Representative to the Committee, Member, 2006-2013;
- EU, European Security Research and Innovation Forum (ESRIF), Member, 2007-2009;
- Scientific Secretary of the Scientific Coordination Council at the Permanent Commission for Civil Protection, 2003-2007;
- Member of other national and international advisory and expert committees and councils – 12 in Bulgaria and 1 abroad;
- Participation in the organizing and programme committees of international and national scientific forums – 23.

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

1985- at present	International Association for Cybernetics
1990- at present	Bulgarian Society of Pattern Recognition (member of IAPR)
1991- at present	Balkan Federation for Fuzzy Systems
1993- at present	IEEE Society for Engineering in Medicine and Biology
1994- at present	International Society of Multiple Criteria Decision Making
1995- at present	International Federation of Biomedical Engineering
1995- at present	Union of Bulgarian Mathematicians

SUPERVISOR OF GRADUATE AND DOCTORAL STUDENTS – 15 graduate students and 6 doctoral students (3 defended).

AWARDS AND RECOGNITIONS:
- Main Prize DISKOBOLOS 2015, in the field of "Healthcare" , Belgrade, December 2015;
- Marin Drinov Decoration of Honour of the Bulgarian Academy of Sciences, April 2013;
- Second Award of National Fund "Scientific Research", 8-th session 1998-2001;.
- The paper "Hadjitodorov S, Boyanov B, Teston B. Laryngeal pathology detection by means of class-specific neural maps. *IEEE Trans Inf Technol Biomed*. 2000 Mar; 4(1):68-73" is ranked first in the American Speech-Language-Hearing Association's "evidence-based practice" ranking. The ranking is based on over 10,000 publications over a period of nearly 80 years (January 1930 - April 2009) in more than 70 scientific journals and has been published and analyzed in the article: Nelson Roy, Julie Barkmeier-Kraemer, Tanya Eadie, M. Preeti Sivasankar, Daryush Mehta, Diane Paul, Robert Hillman. Evidence-based clinical voice assessment: A systematic review, *American Journal of Speech-Language Pathology (AJSLP),* Vol. 22, pp. 212–226, May 2013,doi:10.1044/1058-0360(2012/12-0014).

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