Curriculum Vitae

Personal Data:

Surname: **Kovács**

First name: **Szilveszter**

Date and place of birth: 17. September 1964, Miskolc, Hungary

Marital status: married, three children

Degrees held: M.Sc. in Electrical Engineering (1989),

Spec.M.Phil. in Computer Engineering (1993),

Ph.D. in Engineering (1996: Dr.-Univ., 1998: Dr.-Ph.D.)

Dr. habil. in Information Sciences (University of Miskolc, 2011)

Education:

1984-1989:   Faculty of Electrical Engineering, Technical University of Budapest,
(Branch of Telecommunication), M.Sc. studies (like German "Dipl.-Ing.)

1991-1993:   Faculty of Informatics and Electrical Engineering,
Technical University of Budapest, (Branch of Computer Science), M.Phil. studies

1993-1998:   Part time Ph.D. studies, jointly supervised by Faculty of Mechanical Engineering,
University of Miskolc and Faculty of Informatics and Electrical Engineering,
Technical University of Budapest (Due to the change in the law in Hungary, two
degrees were conferred: 1996: Dr.-Univ., 1998: Dr.-Ph.D., both approximately
corresponding to Ph.D.)

Command of foreign languages:

English, good (A 063997/1990)
Russian, basic (ME IOK 4/1997)
Japanese, basic (Japanese-Language Proficiency Test, level 4) (4D12961 2400375)

Positions held:

1985-1985:   Assistant, MECHVILL Ltd.

1988-1989:   Assistant, Design and Automation Laboratory,
Hungarian Computer Research Institute (SZKI)

1989-1998:   Network Manager, Computer Centre, University of Miskolc

1998-2005   Senior Lecturer, Department of Information Technology,
University of Miskolc

2005-2010   Senior Research Fellow, Institute of Information Technologies,
Kecskemét College, GAMF Faculty

2009-2010   Research Fellow, Technical University of Kosice, Faculty of Electrical Engineering
and Informatics, Department of Cybernetics and Artificial Intelligence

2009-2010   Head of the Department, Department of Automation,
University of Miskolc

2005-   Associate Professor, Department of Information Technology,
University of Miskolc

Research and education related mobility grants:

SIEMENS Oostkamp (Belgium), 1991 (3 months)
TEMPUS grant, software development

SIEMENS ZPL1 IP33 München (Germany), 1992 (3 months)
TEMPUS JEP 0091-92-2 grant, expert system development

University of Sheffield (England), 1995 (2 months)
TEMPUS JEP 7759 grant, developing lecture notes on fuzzy logic control

Universität Dortmund (Germany), 1996 (3 months)
TEMPUS JEP 7759 grant, developing lecture notes on fuzzy logic control

LAAS-CNRS Toulouse (France), 1997 (3 months)
TEMPUS JEP 7759 grant, developing lecture notes on fuzzy logic control

Universität Duisburg (Germany), 1997 (3 months)
TEMPUS JEP 7759 grant, developing lecture notes on fuzzy logic control

Westminster University (London, England), 1998 (1 month)
TEMPUS JEP 12495 grant, developing lecture notes on advanced network technologies

Research grants:

Universität Duisburg (Germany), 1998 (1 month)
COPERNICUS Project No. 4383 grant, research in fault safe control (fuzzy classification and reconfiguration)

Gifu Prefectural Research Institute of Manufacturing Information Technology (Kakamigahara, Japan), 1999 (1+1 years) JET No: 993700001 grant, fuzzy logic systems related research

Murdoch University (Perth, Australia), 2002 (2 months)
ARC Australian research grant: „Constructing Hierarchical Fuzzy Systems Efficiently"

Decorations:

2001: György Békésy postdoctoral scholarship, by Hungarian Ministry of Education

Number of publications

Book chapter: 2. Article in periodical: 34. Conference proceedings: 135.

Scientometric data (www.mtmt.hu)

Impact factor: 2.3. Number of independent citations: 303. Hirsch index: 10

Doctoral dissertations supervised

Johanyák Zsolt Csaba, year of defence: 2007

Dávid Vincze, year of defence: 2014

Zoltán Krizsán, year of defence: 2014

Current research areas:

Interpolative fuzzy reasoning methods and their direct applications; Emotional systems; Etohorobotics, Fuzzy behaviour-based control; Fuzzy reinforcement learning.

Role in scientific community

1993 - 1994   Member of the Information Systems Committee of the University of Miskolc

1994 - 1999   Acting member of the NIIF Technical Committee

1996 - 2000   Chairmanship member of B.A.Z. County Chamber of Engineers

1998 -   Member of the EURO (The Association of European Operational Research Societies) Working Group on Fuzzy Sets (EUROFUSE)

2001 -   Founding member of the Integrated Intelligent Systems, Japanese-Hungarian Joint Laboratory (IISL)

2001 -   Member of the Hungarian Fuzzy Association

2004 - 2007, 2013 - 2016 Member of the Hungarian National Scientific Research Fund (OTKA) Electronical-Electrotechnical Jury

2007 -   Vice-president of the Hungarian Fuzzy Association

2008-   Member of the Editorial Board, Journal of Advanced Computational Intelligence and Intelligent Informatics (JACIII), ISSN: 1343-0130, Honorary Editor :Lotfi A. Zadeh (University of California), Editor-in-Chief :Toshio Fukuda (Nagoya University), Kaoru Hirota (Tokyo Institute of Technology)

2009-   Core member of the József Hatvany Doctoral School for Computer Science and Engineering, University of Miskolc.

Miskolc, January 2018.

Szilveszter Kovács Ph.D.