

PERSONAL INFORMATION

László Kovács

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 Skype kovacs_me_info

Sex male Date of birth 18/07/1961 Nationality Hungarian Family married with three children

WORK EXPERIENCE

- | | |
|----------------|--|
| 2019 - present | full professor, head of department
Institute of Computer Science, University of Miskolc, Hungary |
| 2016-2019 | associate professor, head of department, vice dean
Institute of Computer Science, University of Miskolc, Hungary |
| 1998-2016 | associate professor
Institute of Computer Science, University of Miskolc, Hungary |

DEGREES

- | | |
|------|---|
| 2011 | Habil in Computer Science
University of Miskolc, Hungary |
| 1998 | PhD in Computer Science
University of Miskolc, Hungary |
| 1985 | Master in Mathematics and Physics
University of Debrecen, Debrecen, Hungary |

EXPERIENCE IN HIGHER EDUCATION

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| from 1990 | Teaching in Higher Education
Computer science lectures in the following study programmes: Computer Engineering BSc, MSc, Computer Science BSc, MSc; teaching and supervising in Computer Science Doctoral School. |
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- from 1990 **Curriculum development, capacity building**
Head of Computer Science Programmes at BSc and MSc level, development and competency-based improvement of study programmes in University of Miskolc, and University of Kecskemét: introducing the Bologna system education levels (BSc, MSc in computer science).
- from 1990 **Development and evaluation of teaching materials**
Classic, online and blended learning teaching materials in Computer Science (courses: Database Systems I, Database Systems II, Data Analysis and Data Mining, Operating Systems, XML Data Management; Ontology Systems; Programming Languages)

LONG TERM VISITS

- 1993 : Technical University of Munich, Germany (3 months)
1994 : University of Karlsruhe, Germany (3 months)
1998 : University of Athen, Greece (1 months)
2001 : University of Helsinki, Finland (3 months)
2013 : Siaulia State College , Siaulia, (1.5 months)

PERSONAL SKILLS

Mother tongue Hungarian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B2	B2
German	B1	B2	B1	A2	B1

SCIENTIFIC ACHIEVEMENT

Scientific interest

knowledge engineering
data modelling
data mining

More than 180 publications with more than 200 independent citations

(official list of publications is available at
<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10013752>)

Some recent publications:

- J. Jarvinen, L. Kovacs, S. Radeleczi: Defining rough sets using tolerances compatible with an equivalence, *Information Sciences*, 496, 264-283.
- L Kovács: An Algorithm using Context Reduction for Efficient Incremental Generation of Concept Set, *Fundamenta Informaticae*, Vol 165 (1), 43-73
- Kovács, L., Iantovics, L., & Iakovidis, D: ,IntraClusTSP – An Incremental Intra-cluster Refinement Heuristic Algorithm for Symmetric Traveling Salesman Problem Symmetry Basel, 10 (12), 663-675
- L Kovács: Efficient Approximation for Counting of Formal Concepts Generated from FCA Context, *Miskolc Mathematical Notes*, Vol 19 (2), 983-996
- D. Hladek, J. Stas, S. Ondas, J. Juhar, L Kovacs: Learning string distance with smoothing for OCR spelling correction, *Multimedia Tools and Applications* (Springer), Vol 75.,
- L. Kovács, J. Ratsaby: Analysis of linear interpolation of fuzzy sets with entropy-based distances, *Acta Polytechnica Hungarica*, 2013, ISSN 1785-8860, Vol. 10, No. 3, pp. 51-64
- L, Kovacs, L. Bednarik: Implementation and assessment of the automatic question generation module. In: *Cognitive Infocommunications (CogInfoCom)*, 2012 IEEE 3rd International Conference on. IEEE, 2012. p. 687-690.
- Kovács László: Compound Distance Function for Similarity Measurement Between Fuzzy sets , *Journal of Advanced Computational Intelligence and Intelligent Informatics*, 15:(3) pp. 299-304.
- L Kovács, C Vassilakis: Function Oriented History representation in Databases, *Computers and Artificial Intelligence*, , Vol. 19 2000 Number 5
- Kovács, L. Rule approximation in metric spaces. In: *Applied Machine Intelligence and Informatics (SAMI)*, 2010 IEEE 8th International Symposium on. IEEE, 2010. p. 49-52

MEMBERSHIP

Hungarian Accreditation Committee (Board of Computer Sciences)
Association for Computing Machinery