

Dr. Miroslav Hudec

+421911912323

miroslav.hudec@euba.sk

PERSONAL INFORMATION

JOB APPLIED FOR POSITION

Visiting Professor

WORK EXPERIENCE

November 2016 – ongoing

associate Professor in Information Science

University of Economics in Bratislava, Faculty of Economic Informatics, Dolnozemska cesta 1, 852 35 Bratislava, Slovakia

- Deputy Chief of Department of Applied Informatics, teaching courses (Fuzzy Logic for Business Informatics, Decision Support, Business Intelligence...), preparing new study programme and modernizing existing ones, administrative responsibilities, supervising master and bachelor theses, a member of the committee for PhD study programme Quantitative Methods in Econometrics, organizing invited talks.

July 2013 – October 2016

Education

assistant Professor in Information Science

University of Economics in Bratislava, Faculty of Economic Informatics, Dolnozemska cesta 1, 852 35 Bratislava, Slovakia

- Taught several courses, prepared curriculum for a new course, supervised master and bachelor theses, participated in research projects, organized invited talks.

January 2000 – June 2013

Education

Designer of Information Systems and Researcher

INFOSTAT, Institute of Informatics and Statistics, Bratislava, Slovakia, Leškova 16, 817 95 Bratislava

- Leader of two working packages of the Blue-ETS FP7 project, participated in a project related to data standards granted by Eurostat and in several national projects as a member of teams.

September 1997 – December 1999

Science and research

Programmer and Designer of Information Systems

Eenergoprojekt - Energodata plc, Belgrade, Serbia

- Programmer and designer of information systems for post office, commercial bank and for managing internal human resources on construction sites around the world. Full-time position.

November 1996 – August 1997

Industry

Teaching Assistant

University of Belgrade, Faculty of Organizational Sciences, Laboratory for Operations Research, Belgrade, Serbia

- Taught and demonstrated operations research methods with the support of software like Lindo and in-house developed software of operations research.

Education

EDUCATION AND TRAINING

2008-2010

PhD Degree in Operations Research (Dr.)

University of Belgrade, Faculty of Organizational Sciences, Belgrade, Serbia

- Dissertation title: Data selection and classification using fuzzy logic

2002-2005

MSc Degree in Operations Research

University of Belgrade, Faculty of Organizational Sciences, Belgrade, Serbia

- Thesis title: New methodology for municipalities and regions classification based on the neuro-fuzzy systems

1992-1996

Dipl.-Ing. Degree in Information Systems

University of Belgrade, Faculty of Organizational Sciences, Belgrade, Serbia

- Diploma thesis title: Optimization of transformers dimensions by geometric programming

- 1989-1992 **Bc. Degree in Electrical Engineering**
[High School of Electrical Engineering, Belgrade, Serbia](#)
 ▪ Final thesis title: Automatic and safety devices for the port cranes
- 2014-2015 **Certificate of the Pedagogical Minimum (Pedagogical Course for University Teachers)**
[University of Economics in Bratislava, Department of Pedagogy , Dolnozemska cesta 1, 852 35 Bratislava, Slovakia](#)
 ▪ 6 hours per week during two semesters and final essay

PERSONAL SKILLS

Mother tongue Slovak

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
Publications, conference talks and invited lectures mainly in this language Course: Effective representation of Slovakia on EU meeting , issued by Interlingua, Bratislava, 2006					
Serbian	C2	C2	C2	C2	C2
Studies at the university in this language. Has lived in Serbia					
German	B1	B2	B1	B1	B1
Intensive learning					

Communication skills

- good communication skills acquired in managing international projects, invited lectures, handling reviewing processes, general communication in scientific community

Organisational / managerial skills

- managing research activities and meetings in FP7 project
- organizing conferences, seminars, workshops and invited talks
- handling manuscripts in *Applied Soft Computing* journal
- handling manuscripts in national journal *Economics and Informatics*
- organizing students competitions
- managing activities in Department of Applied Informatics

Job-related skills

- supervisor of 21 master and 16 bachelor theses
- motivating master and PhD students in their research activities (e.g. paper in review in a SCI journal)
- area editor in *Applied Soft Computing* journal
- member of program committees of several international conferences

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

UML certificate, issued by LBMS, Bratislava, 2005

Tools:

LaTex, Matlab, Visual Studio (mainly Visual Basic), Moodle, MS Office, MySQL, Elsevier Editorial System, several conference management systems using as a reviewer and special session chair (Primoris, EasyChair, OJS, CMT)

ADDITIONAL INFORMATION

Honours and awards

Memberships

Invited talks

Visits

References

Honours and awards

Awarded by the Slovak Literary Fund for the year 2016 in the category of natural and technical sciences for the monograph *Fuzziness in Information Systems - How to Deal with Crisp and Fuzzy Data in Selection, Classification, and Summarization*, Springer International Publishing Switzerland.

Memberships

- Since February 2016 an editorial board member in *Applied Soft Computing* journal, published by Elsevier, Impact Factor 3.451.
- Program Committee member at the First International Conference on Fuzzy Management Methods (ICFMsquare 2016), proceedings published by Springer.
- Since 2014 member of the International Program Committee of ICEIS conference (International Conference on Enterprise Information Systems), proceedings published by INSTICC.
- Since March 2013 a member of the EUSFLAT Working Group on Soft Computing in Database Management and Information Retrieval.
- Since January 2017 an editorial board member in national journal *Economics and Informatics*, published by the University of Economics in Bratislava and the Slovak Business Informatics Association.
- Representative of the Slovak Republic for the Management of Statistical Information Systems meetings jointly organized by UNECE, Eurostat and OECD in years 2005-2009 and 2013.
- Recently became a member of the Program Committee for the Serbian conferences of Operations Research.

Invited talks

- A keynote speech *Linguistic summaries from the data: Issues and perspectives* at the XLIV Symopis (Regional Symposium of Operational Research organized by Serbian scientific institutions), Zlatibor, September 2017.
- Tutorial *Linguistic summaries and their quality* at the First International Conference on Fuzzy Management Methods (ICFMsquare 2016), Fribourg, invited by Professor Andreas Meier, September 2016.
- Talk *Dynamically modelling of fuzzy sets for flexible data retrieval* in the solicited session at the 46th Meeting of the Italian Statistical Society in the solicited session, Rome, invited by Professor Simona Balbi, June 2012.
- Talk *Data selection and classification by fuzzy logic* at the Vienna University of Technology, Department of Statistics and Probability Theory, invited by Professor Reinhard Viertl, November 2010.

Visits

- Erasmus teacher mobility stays: University of Turku, Finland in April 2018, University Donja Gorica, Montenegro in October 2016 and May 2017, University of Akureyri, Iceland in September 2015 and University of Granada, Spain in February 2014.
- Short research stay at Vienna University of Technology, Department of Statistics and Probability Theory, June 2014, supported by the Austria-Slovakia fund for the short term research visits.

Recommendation letters

Prof. Enrique Herrera-Viedma, Department of Computer Science and Artificial Intelligence, University of Granada, Spain, viedma@decsai.ugr.es, from 2018

Emeritus Prof. Reinhard Viertl, Vienna University of Technology, Austria, r.viertl@tuwien.ac.at, from 2018

Prof. Radko Mesiar, Faculty of Civil Engineering, Slovak University of Technology, Slovakia, mesiar@math.sk, from 2018

Prof. ETH Andreas Meier, Department of Informatics, University of Fribourg, Switzerland, andreas.meier@unifr.ch, from 2017

Prof. Mirko Vujošević, Faculty of Organizational Sciences, University of Belgrade, Serbia, mirkov@fon.bg.ac.rs, from 2014

Dr. Deirdre Giesen, Division Methodology and Development, Statistics Netherlands (Centraal Bureau voor de Statistiek), the Netherlands, d.giesen@cbs.nl, from 2013

Prof. Simona Balbi, Department of Economic and Statistical Sciences, University of Naples Federico II, Italy, sb@unina.it, from 2013

Dušan Praženka PhD, Deputy Director, INFOSTAT – Institute of Informatics and Statistics, Slovakia, prazenka@infostat.sk, from 2012, retired.

Prof. Slobodan Krčevinac, Faculty of Organizational Sciences, University of Belgrade, Serbia, krca@fon.bg.ac.rs, from 1999, retired. □