Curriculum vitae

Marie Duží   (Du\v{z}\'{i})

Current affiliation: associate professor in VSB-Technical University Ostrava, Department of Computer Science; Faculty of Electrical Engineering and Computer Science.

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Education and academic qualifications:

1963-1966	Secondary school in Opava
1966-1971	Masaryk University of Brno, Faculty of Natural Sciences, specialisation mathematics, graduated with the thesis *Modular lattices*
1982-1985	Technical University of Brno, post-gradual studies, specialisation Data Processing and Theory of Databases. Thesis: *Computer Aided Design of a Database Using HIT Data Model*.

Degrees:

1982: RNDr. – Doctor of Natural Sciences (Masaryk university Brno), specialisation: *Theoretical cybernetics, mathematical informatics and theory of systems*

1992: CSc. – Candidate of Philosophical Sciences (Institute of Philosophy, Czech Academy of Sciences), specialisation Logic, thesis: *Logic and Data Semantics*

2002: Docent – VSB-Technical University of Ostrava. Habilitation thesis: *Logical Foundations of Conceptual modelling*.

Relevant professional practice:

1971-1985	Institute of Computer Science, Ostrava, programmer – analyst; Analysis, design and implementation of the Production Control System of Moravian construction companies
1985-1990	CKD Tatra Praha, analyst and database administrator
1990-1992	Charles University of Prague, Institute of Computer Science, assistant professor, teaching logic and foundations of computer science
1992-1994	Czech Technical University of Prague, assistant professor, teaching logic and theory of databases; analysis and design of the Faculty Information System (implemented in Oracle, 1994)
1994-1996	Exact Holding B.V., s.r.o., Delft, Holland, analyst
1996-2001	Silesian University of Opava, Faculty of Philosophy and Sciences, Institute of Computer Science, assistant professor, teaching logic and theory of databases
2001-	VSB-Technical University Ostrava, Faculty of Electrical Engineering and Computer Science, Department of Computer Science
2003-	Charles University of Prague, Faculty of Philosophy, Department of Logic
2005-	Masaryk University of Brno, Faculty of Computer Science

Pedagogical practice – courses: Mathematical Logic; Logic in Practice; Transparent Intensional Logic; Logical Analysis of Natural Language; Logic and Functional Programming; Principles of Logical Analysis; Intelligent Systems; Logic and Theory of Concepts; Conceptual Modelling; Theory of Formal Systems.

Languages: English, Russian, German (passive), Polish (passive)

Research areas: Transparent Intensional Logic, natural language analysis and processing, procedural semantics and hyperintensionality, extensional logic of hyperintensions

Publication activities: 2 monograhs, 5 textbooks, 12 chapters in books, 47 papers in scientific journals, 77 papers in the proceedings of conferences; the complete list of my publications can be found at my web page: http://www.cs.vsb.cz/duzi/

Summary of publication results according to Web of Science:
> Results found: 41;
> Sum of the Times Cited: 57;
> Sum of Times Cited without self-citations: 20;
> Citing Articles: 38; Citing Articles without self-citations: 17;
> Average Citations per Item: 1.39;
> h-index: 4

Research activities and projects:

- *GACR project* No. 15-13277S (2015-2017), *Hyperintensional logic for natural-language analysis* (with Aleš Horák, MUNI Brno, Faculty of Komputer Science)

- *ESF Project No*: CZ.1.07/2.2.00/28.0216; Logika: systémový rámec oboru v ČR a koncepce logických propedeutik pro mezioborová studia (with Westbohemian University of Plzen), 2012-2015

- *ESF Project No*: CZ.1.07/2.2.00/28.0209; Elektronické opory a e-learning pro obory výpočtového a konstrukčního charakteru (with Westbohemian University of Plzen), 2012-2015

- *ESF Project* No.: CZ.1.07/2.2.00/07.0217; ORGANON – *Learning Management System* (LMS) for Logic Courses. Supported by European Science Foundation (ESF), 2009-2013. (with Westbohemian University of Plzen);

- *GACR* project No. 401/10/0792, *Temporal aspects of knowledge and information*, 2010-2012 (with Pavel Materna, Institute of Philosophy AVCR and Masaryk University Brno, Faculty of Computer Science).

- *GACR* project No. 401/09/H007, *Logical Foundations of Semantics*, 2009-2012. (with Charles University of Prague)

- *GACR* project No. 401/07/0451, *Semantisation of Pragmatics*, 2007-2009, with Pavel Materna, Institute of Philosophy, AV CR.

- Project No. 1ET101940420: "*Logic and Artificial Intelligence for multi-agent systems*"; supported by the program "Information Society" of the Czech Academy of Sciences. 2004-2008.

- *GACR* project No. 401/04/2073, *Transparent intensional logic* (a systematic exposition): 2004-2006, co-researcher with Pavel Materna, Institute of Philosophy, AV CR, Prague);

- *GACR* project No. 401/03/H047, *Logical Foundations of Semantics and Knowledge representation*, 2003-2007; with Charles University Prague, Department of Logic;

- International Research on the *Logical explication of perspectives* (Points of View). *Jean Nicod Institute Paris*; 2003-2004

- *GACR* project No. 401/03/1403, *Principles of Logical Analysis of Language and Intensional Logic*, 2003-2004

- *GACR* project No. 401/99/0001, *The role of constructions in Transparent Intensional Logic*, 1999-2001 — evaluated as excellent;

- *Conceptual Modelling*. grant No. 166/1998, Research Support Scheme of the Open Society Support Foundation: „*Conceptual Representation in the Information Society*" (1998-2000);

Awards:
2011: The Council of the Academy of Sciences of the Czech Republic has presented the authors of the book *Procedural Semantics for Hyperintensional Logic* with its prestigious *award for outstanding results of major scientific importance.*
2008: The rector of VSB-Technical University Ostrava presented Marie Duží with the award for *outstanding results* in the development of science and research in the university

Invited lectures and stays in numerous universities abroad, including, inter alia:

Spain: University of Barcelona, LOGOS-Grup de Recerca en Lògica, Llenguatge i Cognició

Slovakia: Comenius University;

Austria: University of *Klagenfurt*, Technical University of *Vienna*;

Finland: Technical University of *Tampere Pori*, University of *Helsinki*, University of *Jyvaskylä*;

Germany: University of *Tuebingen*, University of *Leipzig*; Ludwig-Maximilians-Universität München

Romania: University of *Bucharest*;

The Netherlands: University of *Rotterdam*, University of *Amsterdam*, University of *Gröningen*, *Delft* University of Technology, University of *Leiden*;

France: Université *Paris* I Pantheon-Sorbonne;

Japan: National Institute of Communication Technologies, *Kyoto*, KEIO University *Tokyo*;

Great Britain: *Oxford*, Balliol college;

Israel: University of *Haifa*;

Poland: University of John Paul II, Cracow

Australia: University of Western Australia, Murdoch University, Perth.