CURRICULUM VITAE

PERSONAL INFORMATION

Name	**ROMAN BARTÁK**
Address	Charles University, Faculty of Mathematics and Physics
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Nationality	Czech

WORK EXPERIENCE

Dates (from – to)	2013-
Name and address of employer	Charles University, MFF, Ke Karlovu 3, 121 16 Praha 2, Czech Republic
Type of business or sector	higher education
Occupation or position held	full professor, department vice-chair (2014-)
Main activities and responsibilities	lecturing, supervision of doctoral, graduate, and undergraduate students, coordinator of the Computer Science graduate and PhD programs

Dates (from – to)	1996-2012
Name and address of employer	Charles University in Prague, MFF, Ke Karlovu 3, 121 16 Praha 2, Czech Republic
Type of business or sector	higher education
Occupation or position held	assistant professor (1997-2005), associate professor (2005-2012), department chair (2006-2014)
Main activities and responsibilities	lecturing, supervision of doctoral, graduate, and undergraduate students, head of department

EDUCATION AND TRAINING

Dates (from – to)	1988-1997
Name and type of organization providing education and training	Charles University in Prague, Faculty of Mathematics and Physics
Principal subjects/occupational skills covered	undergraduate studies (1988-1993), doctoral studies (1993-1997) in Computer science
Title of qualification awarded	M.S. equivalent (1993), Ph.D. (1997)

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	CZECH
OTHER LANGUAGES	ENGLISH (FLUENT), RUSSIAN (BASIC UNDERSTANDING)

ORGANIZATIONAL SKILLS AND PROFESSION SERVICE	Chair of CSF panel P202 and vice-chair of commission OK2 (2016)
	Head of Department of Theoretical Computer Science and Mathematical Logic (2006-2014)
	Member of board for two European projects (FP6, FP7)
	Project leader in ten national research projects (Czech Science Foundation, MŠMT)
	Head of R&D teams in projects for Universal Synergetics (USA, 1992-93), AISA/Median (ČR, 1993-98), and Visopt Tech Ltd. (Israel, 1999-2004)
	Regular member of program committees at leading international conferences (IJCAI, AAAI, ECAI, FLAIRS, ICAPS, CP-AI-OR, CP, MISTA…)
	Editorial boards (Journal of AI Research, AI Communications, Computational Intelligence, Advances in Artificial Intelligence, Computational Intelligence and Neuroscience, Archives of Control Sciences, Production & Manufacturing Research)

RESEARCH

RESEARCH AREAS

Artificial intelligence:
planning and scheduling, constraint satisfaction, robotics, knowledge representation

FOREIGN EXPERIENCE

Research stay at Oxford University (2003, Peter Jeavons)
Research stay at Universität Ulm (2003, Susanne Biundo)
Lecturing at Aoyama Gakuin University and Japan Advanced Institute of Science and Technology (2008).

INDUSTRIAL EXPERIENCE

Universal Synergetics (USA, 1992-93, development of autonomous cleaning robot),
AISA/Median (Czech Republic, 1993-98, data analysis for advertisement planning),
Visopt Tech Ltd. (Israel, 1999-2004, algorithms for production scheduling)
Entellexi (Ireland, 2005-2011, algorithms for enterprise optimization)

RESEARCH AWARDS

Best Poster Award, The 29th International FLAIRS Conference, 2016
Best Poster Award, The 28th International FLAIRS Conference, 2015
Best Poster Award, 13th Mexican International Conference on Artificial Intelligence, 2015
System Demonstrations and Exhibits Award, The 22nd International Conference on Automated Planning and Scheduling, ICAPS 2012
Outstanding Performance on the Challenging Track, Fourth International Competition on Knowledge Engineering for Planning and Scheduling, ICKEPS 2012
Second Place The 11th Prolog Programming Contest, 2005
Distinguished Paper Award, The 10th International Conference on Principles and Practice of Constraint Programming, CP 2004

PUBLICATION ACTIVITIES

Orcid ID: https://orcid.org/0000-0002-6717-8175
Scopus Author ID: 6701669812
ResearcherID: N-8554-2017
DBLP: 103 conference papers, 34 journal papers, 1 book
    https://dblp.uni-trier.de/pers/hd/b/Bart=aacute=k:Roman
Scopus: 150 papers, H-index 12, citations 566
    https://www.scopus.com/authid/detail.uri?authorId=6701669812
WOS: 81 papers, H-index 7, citations 492
Google Scholar: citations 2410

LECTURING

LECTURES

Formal Automata and Grammars (2000-2014)
Constraint programming (since 1998)
Planning and Scheduling (since 2004)
Artificial Intelligence I (since 2007)
Artificial Intelligence II (since 2011)
Seminar on Artificial Intelligence I and II (since 2010)

DOCTORAL STUDENTS (PHD THESIS)

- Constraint Programming in Planning, **Surynek Pavel**, 2007/2008
- Constraint-based Timetabling, **Müller Tomáš**, 2005/2006
- Efficient Representations and Conversions of Planning Problems, **Toropila Daniel**, 2014/2015
- Global Constraints in Scheduling, **Vilím Petr**, 2006/2007
- Integrating Planning and Scheduling, **Dvořák Filip**, 2013/2014
- Learning for Classical Planning, **Chrpa Lukáš**, 2008/2009
- Modelling and Solving Problems Using SAT Techniques, **Balyo Tomáš**, 2013/2014
- Resolution-based methods for linear temporal reasoning, **Suda Martin**, 2015/2016