Zhilin Wu

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Contact Information	State Key Laboratory of Computer Science,Institute of Software, Chinese Academy of Sciences,#4 South 4th Street, Zhongguancun,Haidian District, 100190, Beijing, China	<i>Tel:</i> +86 10 62661648 <i>Fax:</i> +86 10 62661648 <i>Email:</i> wuzl@ios.ac.cn <i>Homepage:</i> http://lcs.ios.ac.cn/~wuzl	
Birth Date & Place	I was born on August 2nd, 1980 in Cili County, Hunan Province, P.R.China.		
Research Interests	Automata and Logic over infinite alphabets, Automatic verification and analysis of programs, Database theory.		
Education	2002-2007, State Key Laboratory of Computer Sc Academy of Sciences, Beijing, China	eience, Institute of Software, Chinese	
	Ph.D., Computer Software and Theory		
	 Dissertation Title: "On the Theoretical Aspects of Temporal Logics: Expressive Power and Complexity" Advisor: Prof. Wenhui Zhang 		
	1998-2002, Central South University, Changsha, Hunan Province, China		
	B.S., Applied Mathematics and Software		
Work Experienc	E 2012 Aug Present. State Key Laboratory of Computer Science, Institute of Software, Chinese Academy of Sciences, Beijing, China Associate Researcher		
	2010 Aug 2012. Jul. State Key Laboratory of Computer Science, Institute of Software, Chinese Academy of Sciences, Beijing, China Assistant Researcher		
	2009 Sep 2010 Jul. LaBRI, Université Bordeaux 1, Talence, France Postdoc,		
	Research topic: Workflow modelling and verificationSupervisor: Prof. Anca Muscholl	on based on active XML documents	
	2007 Aug2009 Aug., Sino-French Laboratory for Computer Science, Automation and Applied Mathematics, Beijing, China Postdoc,		
	Research topic: Distributed computation of logicaSupervisor: Prof. Stéphane Grumbach	l formulas	
	2003 MarJun., Graduate School of Chinese Acade	emy of Sciences, Beijing, China	
	<i>Teacher Assistant</i> : Homework reviews, course project supervision, and examination grading of the course "System Design and analysis Method"		
	2002 JulAug., Uesoft Corporation, Changsha, Hunan Province, China		

	Internship: Use C++ to develop a Pipeline Stress Analysis software (AutoPSA)
Journal Publications	Olivier Ly, Zhilin Wu, On effective construction of the greatest solution of language inequality $XA \subseteq BX$, Theoretical Computer Science, Vol. 528, 12-31, 2014.
	Zhilin Wu, Stéphane Grumbach, Feasibility of motion planning on acyclic and strongly-connected directed graphs, Discrete Applied Mathematics, 158(9), 1017-1028, 2010.
	Zhilin Wu, A note on the characterization of TL[EF], Information processing letters, 102, 48-54, 2007.
	Zhilin Wu, Wenhui Zhang, The complexity of dual models problem of propositional linear temporal logics, Journal of Software (Ruan Jian Xue Bao), 18(7), 1573-1581, 2007.
	Zhilin Wu, Quasi-star-free Languages on Infinite Words, Acta Cybernetica, 17(1), 75-93, 2005.
Conference Publications	Serge Arbiteboul , Pierre Bourhis, Anca Muscholl, Zhilin Wu, <i>Recursive queries on trees and data trees</i> , 16th International Conference on Database Theory (ICDT), 93-104, 2013.
	Zhilin Wu, <i>Commutative data automata</i> , the 21st EACSL Annual Conferences on Computer Science Logic (CSL), Leibniz International Proceedings in Informatics (LIPIcs), volume 16, 528-543, 2012.
	Zhilin Wu, A decidable extension of data automata, the 2nd International Symposium on Games, Automata, Logics and Formal Verification (GANDLF), EPTCS 54, 116-130, 2011.
	Blaise Genest and Anca Muscholl and Zhilin Wu, <i>Verifying Recursive Active Documents with Pos-</i> <i>itive Data Tree Rewriting</i> , FSTTCS 2010, IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science, 469-480, 2010.
	Stéphane Grumbach, Zhilin Wu, <i>Distributed tree decomposition of graphs and applications to verification</i> , APDCM 2010, the 12th Workshop on Advances in Parallel and Distributed Computational Models, 2010.
	Stéphane Grumbach, Zhilin Wu, Logical locality entails frugal distributed computation over graphs, WG 2009, the 35th International Workshop on Graph-Theoretic Concepts in Computer Science, LNCS 5911, 154-165, 2010.
	Zhilin Wu, Stéphane Grumbach, <i>Feasibility of motion planning on directed graphs</i> , TAMC 2009, the 6th Annual Conference on Theory and Applications of Models of Computation, LNCS 5532, 430-439, 2009.
	Stéphane Grumbach, Fang Wang, Zhilin Wu, On the distributed evaluation of recursive queries over graphs, NOTERE 2009, the 9th Annual International Conference on New Technologies of Distributed Systems, 2009.
	Zhilin Wu, On the expressive power of QLTL, ICTAC 2007, the 4th International Colloquium on Theoretical Aspects of Computing, LNCS 4711, 467-481, 2007.
Manuscript	Zhilin Wu, Regular path queries on graphs with data: A rigid approach, 2014.
	Linqing Tang, Mingji Xia, Zhilin Wu, Quantitative reasoning of opinions in social networks, 2012.
	Jakub Michaliszyn, Anca Muscholl, Slawek Staworko, Piotr Wieczorek, Zhilin Wu, On injective

	embeddings of tree patterns, 2012.
Research projects	NSFC Grant, "Symbolic models and implicite state model checking techniques", Participant, 2013-2016.
	NSFC Grant, "Formal models over infinite alphabets: Logic and automata", Principle investigator, 2012-2014.
Committees	Member of the Programme Committee, the 5th Symposium on Games, Automata, Logic, and Formal Languages (GandALF), 2014, Verona (Italy).
	Member of the Programme Committee, the 4th Symposium on Games, Automata, Logic, and Formal Languages (GandALF), 2013, Borca di Cadore, Dolomites (Italy).
TEACHING	2012 Sep 2013 May. Graduate Course, Automata theory and its applications.
Computer Skills	 Languages: C, C++, Java Applications: IAT_EX, common Windows database, and presentation software Operating Systems: Windows, Unix/Linux, MacOS
Language Skills	 Mother Tongue: Chinese Fluent in written and oral English, IELTS Score 7 Preliminary French
Service	 A member of the executive committee of CCF-YOCSEF-GS (Chinese Computer Federation YOung Computer Scientists&Engineers Forum for Graduate Students), 2005-2006 A member of Graduate Student Union of Institute of Software, Chinese Academy of Sciences, 2004-2005
Honors and Awards	 Graduate Student Scholarship of Chinese Academy of Sciences, 2004 COMAP ICM (U.S.A. Interdisciplinary Contest in Modeling), Meritorious, 2002 BAOGANG Education Award for Excellent Students (a national award for excellent students), 2001 COMAP MCM (U.S.A. Mathematical Contest in Modeling), Meritorious, 2001 CUMCM (China Undergraduate Mathematical Contest in Modeling), Second Class Award, 2000 CHEN XINMIN Award for Excellent Students, Central South University, 2000