

Xu Weiwen

Curriculum Vitae

Contract address

Ecole polytechnique, Laboratoire d'Informatique
Palaiseau 91128 CEDEX, France
xu@lix.polytechnique.fr
Telp +33-1.69.33.46.24

Personal information

- Born in 21th February 1975, Harbin, China.
- Chinese citizen. Current visa status: F-1(France), Titre de sejour(France)

Education

PhD Computer Science and Engineering, Shanghai Jiaotong University. China, September, 2003
MSc Computer Engineering. Harbin Science and Technology University. China, March, 2000
BSc Computer Engineering. Harbin Science and Technology University. China, July, 1997

Employment

- November 2003-December 2004. Postdoctoral Researcher. LIX Ecole Polytechnique, France
- April 2002-Augst 2003. Research assistant. Laboratory Computer Science Institute Software Chinese Academic Science. Beijing, China
- September 2000-March 2002. Research assistant Shanghai Jiaotong University. Shanghai, China
- May 2000-September 2000. UNIX C++ programmer, Tianyi Negotiable securities Co. LTD. Shanghai, China
- March 1998- September 2000. Teacher assistant of Harbin Science and Technology University and research assistant of Harbin Electromotor Factory. Harbin, China

Speaker at conferences

- The 6th International Conference for Young Computer Scientist. Hangzhou China, 23-25 October 2001
- The 5th International Conference On Algorithm and Architectures for Parallel and Processing. Beijing China, 22-25 October 2002

Remarkable Awards

- Intel Fellowship 2001, awarded by Intel (China) Science and Technologies Co. LTD.
- Huawei Fellowship 2002, awarded by Huawei Technologies Co. LTD.

Performance Overview

- More than 7 years of C/C++ (Visual C++, UNIX C/C++)
- 3 years of Solaris, UNIX
- 2 years teaching (assemble language of 8088, data structure and operating system)
- 1 year MPI
- 1 year compiler design (yacc , lex)
- 10 months of Ocaml and Coq

Publications

Xu Weiwen, Zeng Zhiyong and Lu Xinda, *Distributed Model Checking for Linear Temporal Logic*, Proc. of the 6th Int'l Conf. for Young Computer Scientist(International Academic Publishers World Publishing Corporation), pp. 240-244, Oct.23-25,2001

Xu Weiwen and Lu Xinda, *Model Checking Partial Fair State Spaces with 3-Valued Fair CTL* , Proc. of the 6th Int'l Conf. for Young Computer Scientist, Volume III, (International Academic Publishers World Publishing Corporation), IEEE Computer Society Press, pp.10-14, Oct.23-25,2001. EI: 03137409414

Xu Weiwen Zhang Wenhui and Lu Xinda, *Formal Analysis and Verification of Distributed Grid Directory Service*, ICA3PP 2002 - The 5th International Conference on Algorithms and Architecture for Parallel Processing. Beijing, China. October 23-25, 2002 :505-509,(IEEE Computer Society Press)

Xu Weiwen, *Model Checking Authentication Protocols* (in Chinese), Chinese Journal of Computers, 26(2):195-201, 2003

Xu Weiwen, *Fair Preorder for Partial Fair Kripke Structures*, Journal of Shanghai Jiaotong University, Vol.E-8, No.1, June, 2003:15-18

Xu Weiwen , *Automatic Verification of Parameterized Leader Election Protocols* (in Chinese), Chinese Journal of Computer Engineering. 10, 2003

Xu Weiwen, *Automatic Generating Symbolic Model for Parameterized Synchronous Systems*. Journal Computer Science and Technology, to be published.

Xu Weiwen, and Jean-Pierre Jouannaud , *Automatic Complexity Analysis for Extracted Program of Coq*, to be submitted