

LATHUILLIÈRE Bruno

27 years old, single

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France

Ph.D. Student in computer science.

Education

2006-2009	Ph.D. in progress ▷ <i>Bordeaux I University & EDF R&D Clamart</i> subject: Domain decomposition method for the simplified transport equations in neutronic.
2005-2006	Master of science ▷ <i>Bordeaux I University</i> speciality: DISTRIBUTED SYSTEM, NETWORK AND PARALLELISM
2003-2006	ENSEIRB Graduate School of Engineering field: Computer Science option: PARALLELISM, REGULATION AND DISTRIBUTED COMPUTATION
2000-2003	Post-secondary preparatory school for the competitive entrance examinations to french <i>Grandes Ecoles</i> ▷ <i>Lycée Henri Poincaré (Nancy)</i>

Professional Experiences

2006-2009	Internship and Ph.D. in the R&D branch of EDF . Design and development of a domain decomposition method in the industrial code Cocagne. (C++, MPI, finite element, linear algebra solver. . .)
2008-2009	Teaching assistant in mathematics: university Paris I Sorbonne .
2005	Internship of 3.5 month in Firewall-services . Development of scripts (python et sh), integrated in a liveCD, to automate a security audit in the network of a SMEs.

Computer skills

OS	GNU/Linux (<i>Debian</i>), Unix (<i>Solaris</i>).
Langages	commonly used : C++, C, Python, Shell. known : JAVA, Scheme, CaML, Prolog, XML, PHP, SQL . . .
Parallelism	MPI, OpenMP, PVM, Thread.

Languages

French	Mother tongue.
English	Working knowledge. (560 to TOEFL test)
German	Basic notions.

Hobbies

Free Software	Developpement of Xfracdim(a software in python/GTK to compute fractal dimensions).
Sport	Table tennis.
Arts	Painting and drawing.

Publications

M. Barrault, B. Lathuilière, P. Ramet, J. Roman. A domain decomposition method applied to the simplified transport equations, in: IEEE 11th International Conference on Computational Science and Engineering, Sao Paulo, July 2008.

B. Lathuilière, M. Barrault, P. Ramet, J. Roman. A Non Overlapping Parallel Domain Decomposition Method Applied to The Simplified Transport Equations, in: Proceedings of Mathematics, Computational Methods & Reactor Physics , Saratoga Springs (NY), May 2009.