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married, born on 30th August 1979
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Etudes

2006-	Post-doctorat at Université catholique de Louvain, Belgium
2002-2005	Phd thesis in Applied Mathematics Laboratoire Jacques-Louis Lions, University Pierre & Marie Curie, France. Projet Gamma, INRIA Rocquencourt, France. *3d anisotropic mesh adaptation and application of air conditioning in buildings (Adaptation de maillage anisotrope 3d et application à l'aérothermique des bâtiments)* degree completed November 28, 2005
advisors :	Olivier Pironneau, Pascal Frey
jury :	Thierry Coupez (Ecoles des mines de Paris) Alain Dervieux (INRIA-Sophia) Pascal Frey (Université Paris VI) Paul-Louis George (INRIA Rocquencourt) Olivier Pironneau (Université Paris VI) Rémi Sentis (CEA DAM)
2001-2002	Master in Applied Mathematics, University Pierre et Marie Curie mecanical option
1997-2001	Bachelor in Applied Mathematics:
	Maîtrise in Mathematical Ingenierie, University Paris-Sud Orsay mecanical option Licence in Applied Mathematics, University Paris-Sud Orsay Deug Mias computer science option, University Paris-Sud Orsay

Teaching

02 - 06 2004	teaching assistant at Centrale Paris (2e year) : *numerical simulation in complex geometrie wih mesh adaptation.*
07 - 12 2004	teaching assistant in Licence level at Paris VII : *matricielle numerical analysis.*

Publications

Couplage et adaptation de maillage anisotrope pour des simulations de flux d'air dans des géométries complexes C. Dobrzynski, P. Frey and O. Pironneau, Revue Europénne des Eléments finis, submitted.

Fast and Accurate Simulations of Air-Cooled Structures, C. Dobrzynski, P. Frey, B. Mohammadi and O. Pironneau, Comput. Methods Appli. Mech. Engrg 2005.

Adaptation de maillage anisotrope 3d et application à l'aérothermique des bâtiments, C. Dobrzynski, Phd thesis 2005.

Couplage pour des simulations de flux dair dans des géométries complexes avec adaptation de maillage anisotrope, C. Dobrzynski, P. Frey and O. Pironneau, Proc CFM ed 2005.

Numerical Coupling for air flow computations in complex architectures, C. Dobrzynski, O. Pironneau and P. Frey, Proc ECCOMAS, Conf. Jyvaskyla, ed. july 2004.

Simulation numérique de la climatisation d'un bâtiment avec adaptation de maillage, L. Debiane, C. Dobrzynski and B. Mohammadi, Proc Canum ed 2003.

Invited talks

12/05 Séminaire analyse numérique et équations aux dérivées partielles, Université Paris XI.

12/05 CENAERO, Goselies, Belgium.

11/05 Séminaire méthodes numériques, Paris VI.

10/05 Colab, ETH Zurich.

Conference

08/05 Congrès Français de Mécanique, Troyes, ed 2005.

07/04 ECCOMAS, Jyvaskyla, Finlande, ed 2004.

Posters

06/04 Congrès d'analyse numérique français, CANUM, Obernay, ed 2004 (3rd award).

06/03 Congrès d'analyse numérique français, CANUM, La grande Motte, ed 2003.

Other activities

- Co-coordinator of Enigmath 2006 with Frédéric Lagoutière (Université Paris VII) :

  Enigmath is a free french mathematic quizz which requires just elementary knowledge. This game is open at everybody. The main aims are to emphasize near general public the place occuped by mathematic on our life and to make known the research on mathematics or linked to mathematics, while allowing the participants to be evaluated on simple mathematics questions (http://enigmath.org/).

- Secretary and treasurer of the association of the holder of the master of applied mathematics of university Paris VI (A2MAIM) (founder member).

- Member of the team Enigmath 2003.

Skills

Systems:	Windows, MacOs, Linux.
Languages:	CAML, Pascal, Html , FORTRAN 77, C, C++, MPI.
Software:	Maple, Matlab, Scilab, Mathematica, Medit, Yams, Ghs3d, Freefem++, Freefem3d.