

Ernesto Posse

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Basic Data

Date of Birth: July 6th, 1973
Place of Birth: Bogotá, Colombia.
Citizenship: Colombian, Canadian Permanent Resident.
Languages: Spanish (mother tongue), English (fluent), French (intermediate).

Education

Nov 2004 – present	Ph.D. candidate	Computer Science	McGill University (Canada)
Sep 2001 – Nov 2004	Ph.D. student	Computer Science	McGill University (Canada)
Sep 1998 – Mar 2001	M.Sc.	Computer Science	McGill University (Canada)
Jan 1992 – Jan 1997	B.Eng	Systems & Computing Engineering	University of Los Andes (Colombia)

Work and teaching experience

Jan 2004 – Apr 2004	Course Coordinator and Course Lecturer Introduction to Computing 1 (COMP-202)	McGill University
Sep 2003 – Dec 2003	Course Lecturer Introduction to Computing 1 (COMP-202)	McGill University
Jan 2003 – Apr 2003	Course Coordinator and Course Lecturer Introduction to Computing 1 (COMP-202)	McGill University
Sep 2002 – Dec 2002	Course Lecturer Introduction to Computing 1 (COMP-202)	McGill University
Sep 2000 – Dec 2000	Teaching Assistant Artificial Intelligence (308-424B)	McGill University
Jan 2000 – May 2000	Teaching Assistant Programming Languages and Paradigms (308-302B)	McGill University
Sep 1999 – Dec 1999	Teaching Assistant Programming Languages and Paradigms (308-302A)	McGill University
Aug 1997 – Jul 1998	Consultant Financial Software Development and Maintenance	Unisys Corp. (Colombia)

Awards

Mar 1997 Honours Degree – For obtaining the highest G.P.A. in the Systems & Computing Engineering class, and one of the highest in the Faculty of Engineering at the University of los Andes (Colombia).

Publications

- PBV03 Ernesto Posse, Jean-Sébastien Bolduc, Hans Vangheluwe. *Generation of DEVS Modelling & Simulation Environments*. In Proceedings of the 2003 Summer Computer Simulation Conference SCSC 2003, Montréal, Canada. 2003. (Accepted)
- LPV02 Juan De Lara, Ernesto Posse, Hans Vangheluwe. *Processing Causal Block Diagrams in ATOM3*. In Proceedings of the APPLIGRAPH Workshop on Applied Graph Transformation AGT2002. Grenoble, France. 2002.
- PT97 Ernesto Posse, Silvia Takahashi. *Typed Functional-Logic Programming*. In Proceedings of the XXIII Latinamerican Conference on Informatics CLEI'97. Valparaíso, Chile. 1997.

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Thesis

Title: Expressiveness in Mobile Process Calculi
Supervisor: Prakash Panangaden
Degree awarded: M.Sc. – June 8th, 2001.

Relevant research activities

Currently working towards a Ph.D. in Computer Science under the supervision of Prof. Hans Vangheluwe at the Modelling, Simulation and Design Lab of the School of Computer Science at McGill University.

Research areas: Semantics, Modeling and Simulation, Concurrency Theory, Formal Verification.

Acted as anonymous referee for the following journals and conferences:

WSC 2003 2003 Winter Simulation Conference.
New Orleans, U.S.A., December 7–10, 2003.
TOMACS ACM Transactions on Modeling and Computer Simulation. Special Issue on Computer Automated Multi-Paradigm Modeling (to be published January to March 2003)
CONCUR 2001 International Conference on Concurrency Theory
Aalborg, Denmark, August 21–24, 2001.
FSTTCS 2000 Foundations of Software Technology and Theoretical Computer Science
New Delhi, India, December 13–15, 2000.

Technical Skills

Programming Languages: Python, Java, Scheme, ML, O’Caml, C, C++, Prolog, Pascal, Visual Basic.
Document Processing Languages: HTML, LaTeX.
Operating Systems: Linux, Windows.

References

Prof. Hans Vangheluwe
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