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BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
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NAME		POSITION TITLE	
Jaime Seguel		Professor	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
City University of New York, Center for Large Scale Computation	PhD	May 1987	Computational Mathematics
University of Santiago, Santiago, Chile.	M.S.	September 1981	Applied Mathematics

Six Most Significant Publications

J. Seguel, D. Bollman, V. Celis "An Efficient Parallel Algorithm for Bit-Reversal". Congressus Numerantium, 79, pp 244-250, 1990

D. Bollman, J. Seguel, J. Feo "A Functional Approach to Radix-r FFTs"
Parallel and Distributing Computing Practices, Vol. 1, No. 1, pp 51-74, 1998.

J. Seguel, D. Bollman, J. Feo "A Framework for the Design and Implementation of
FFT Permutation Algorithms" IEEE Transactions in Parallel and Distributed Systems,
Vol. 11, No. 7, pp 625-635, 2000.

J. Seguel, D. Bollman, E. Orozco "A New Prime Edge-length Crystallographic FFT", ELSEVIER Lecture Notes
in Computer Science, Vol. 2330, pp 548 - 557, 2002.

J. Seguel "A Unified Treatment of Compact Symmetric FFT Code Generation"
IEEE Trans. on Signal Processing, Vol. 50. No.11, pp. 2789-2797, 2002.

J. Seguel "Design and Implementation of a Parallel Prime Edge-length Symmetric FFT", ELSEVIER Lecture
Notes in Computer Science, Vol. 2667, pp 1025-1034, 2003.

Current Research Support

Co-PI in "PRECISE" (NSF-CISE), thru FY'04.