Dr. Parimala Thulasiraman

Parimala Thulasiraman is a Professor with the department of Computer Science at the University of Manitoba. She received her B.Eng. (Honours) and M.A.Sc. degrees in Computer Engineering from Concordia University in Montreal, QC, Canada and obtained her Ph.D. from the University of Delaware in Newark, DE, USA after finishing most of her formalities at McGill University, Department of Computer Science in Montreal, QC, Canada. Parimala's research interests are in the intersection of high performance parallel/distributing computing and graph analytics for real world applications in network science. Her laboratory, Inter-Disciplinary Evolutionary Algorithmic Sciences (IDEAS), studies innovative, adaptive, self-learning approaches for solving modeling, simulation, and optimization problems. She explores novel algorithmic optimization techniques to efficiently map, design, and develop scalable algorithms for distributed and many-core architectures. She has published over 200 research articles in conferences, journals, a book, and several book chapters. She has received best paper awards in leading high performance computing conferences. Her research is supported through the national grant from the Natural Sciences and Engineering Research Council of Canada, Research Manitoba, MITACS ACCELERATE, MITACS Globalink, as well as other local and industry grants.

Parimala has supervised and graduated over 150 students. She has also received the teaching recognition award at the University of Manitoba. Parimala also served as Associate Head (graduate) in the department of Computer Science. Parimala has organized many important conferences as local chair, program chair, and tutorial chair. She is the editor and guest editor for major journals and has been serving as technical program committee member for conferences in high performance computing and computational intelligence. She is the co-chair for the IEEE task force on applying computational intelligence techniques for diversity, equity and inclusivity (DEITY). She is a member and senior member of the ACM and IEEE societies, respectively. For more information, please see Parimala's homepage: http://www.cs.umanitoba.ca/~thulasir/.