

Biography of Dr. M. Perrone

Michael Perrone is an IBM Master Inventor and the manager of the Multicore Computing Department at IBM Research, which has the mission of exploring the strengths and weaknesses of multicore processors to help guide architectural design for future processors. Current projects include HPC workloads, seismic imaging, network intrusion detection, financial data stream processing, text indexing, and bioinformatics. His research includes algorithmic optimization for the Cell processor, parallel computing, and statistical machine learning. He received his Ph.D. in Physics from Brown University.