IBM CELL BE Invitation

IBM and Carleton's research community would like to invite you to a special session at Carleton University focused on IBM, Toshiba and Sony's Cell BE technology on November 3rd, 2006 from 2:00pm to 4:00pm.

The session will be held on the Carleton University campus, in the Minto Board Room (MC 2014). Directions to the campus can be found at http://www.carleton.ca/cu/campus/ - a link from this page will take the user to a map of the campus parking.   For the Minto Centre, P1, P2 and the bottom of P9 (multistorey car park) are the closer public parking. Coffee will be available before the talk starts.

Initially designed for the PlayStation 3, the Cell processor is providing an alternative processing method to accommodate recent developments in complex workloads and the future of computing. Cell or what is now termed the Cell Broadband Engine (BE for short), has leveraged IBM's chip design capabilities to deliver an architecture for high performance distributed computing.

The emergence of multi-core processor architectures is opening a growing portion of client workloads to "workload optimized solutions".   Many such workloads exhibit high affinity for Cell BE's asymmetric multi-core architecture to provide an "x-factor" performance advantage with examples in many industries from EDA to Medical to financial applications. With the recent announcement of the IBM Cell BE QS20 Blade solution, researchers can now start developing new applications and code to take advantage of this new technology, in order to make themselves more competitive and to have their jobs completed in a faster and more efficient manner.

IBM is excited to bring to Ottawa both hardware and software subject matter experts to provide a two hour overview on this innovative technology and how you can get started on leveraging Cell BE today.

Please let us know whether you can join us at Carleton University by responding to Jonathan Wells at Jonathan_Wells@carleton.ca or Jamie Johnston at jamie@ca.ibm.com to confirm your attendance by Oct. 28th.

Agenda and Details:

Time	Description	Speaker
2:00 to 2:10	IBM Introduction and overview.	Jamie Johnston National Cluster Sales IBM Canada
2:10 to 3:00	Cell BE hardware overview, introduction of the IBM QS20	Wes Kinard Technical Specialist IBM Americas
3:00 to 3:45	Introduction to software development tools for IBM Cell BE	Roland Koo TPO Development & Compiler Performance IBM Americas
3:45 to 4:00	Questions and Answers	

We look forward to seeing you there!