

[Advanced Search >](#)

HOME **NEWS & COMMENTARY**

Herb Greenberg | Columnists | Special Reports | Blogs | Podcasts | Industry News | Economy & Politics

LATEST NEWS [\[ODEL\]](#) Quidel COO Mark Paiz to resign Aug. 31

EMAIL PRINT DISABLE LIVE QUOTES RSS DIGG

College of Computing at Georgia Tech Hosts Workshop to Drive Innovation in Cell Broadband Engine Processor Research

Georgia Tech Leadership in Cell/B.E. Processor Research Includes Status as One of the First Universities to Receive IBM QS20 Blade Servers

Last Update: 9:00 AM ET May 31, 2007



ATLANTA, May 31, 2007 (BUSINESS WIRE) -- The College of Computing at Georgia Tech today announced it will host the Georgia Tech Cell Broadband Engine(TM) (Cell/B.E.) Processor Workshop from June 18-19, 2007, focusing on applications for the Cell/B.E. processor, including gaming, virtual reality, home entertainment, tools and programmability and high performance scientific and technical computing.

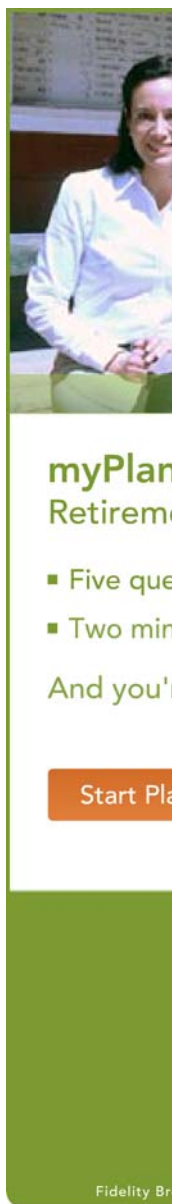
The two-day workshop is sponsored by Sony Computer Entertainment Inc. (SCEI), Toshiba and IBM and will be held at the Klaus Advanced Computing Building on Georgia Tech's campus. Keynote speakers at the event include Bijan Davari, IBM Fellow and Vice President, Next Generation Computing Systems and Technology; Dominic Mallinson, Vice President, US Research and Development, SCEI and Yoshio Masubuchi, General Manager, Broadband System LSI Development Center, Toshiba's semiconductor company. More information on the workshop may be found at <http://sti.cc.gatech.edu/>.

"We are very excited to be able to support the growth of this breakthrough technology by bringing some of the top minds in the industry together at Georgia Tech to stimulate discussion about the future of Cell/B.E. technology," said David A. Bader, Associate Professor and Executive Director of High-Performance Computing in the College of Computing at Georgia Tech. "The Cell/B.E. processor represents the future of computing using heterogeneous multi-core processors, and we are proud to help drive the continued advancement of computationally-intensive applications that will directly impact the global growth of our industry and evolution of our society."

The revolutionary Cell/B.E. processor is a breakthrough design featuring a central processing core, based on IBM's industry leading Power Architecture(TM) technology, and eight synergistic processors. Cell/B.E. "supercharges" compute-intensive applications, offering fast performance for computer entertainment and handhelds, virtual-reality, wireless downloads, real-time video chat, interactive TV shows and other "image-hungry" computing environments. The processor was created through a collaboration of IBM, Sony Corporation, SCEI and Toshiba Corporation (Toshiba).

The College of Computing also announced today that it is one of the first universities to deploy the IBM BladeCenter(R) QS20 Server for production use. The QS20 uses the same ground-breaking Cell/B.E. processor appearing in products such as Sony Computer Entertainment's PLAYSTATION(R)3 computer entertainment system, and Toshiba's Cell Reference Set, a development tool for Cell/B.E. applications. The Georgia Tech installation includes a cluster of 28 Cell/B.E. processors (14 blades) and supports the operation of Cell-optimized multi-core applications in areas such as digital content creation, gaming and entertainment, security, scientific and technical computing, biomedicine, and finance. Georgia Tech will grant users access on the cluster to test drive the Cell/B.E. processor and support independent software vendors (ISVs) that develop products and tools for the Cell/B.E. processor. The Georgia Tech Cell/B.E. processor installation will use Altair Engineering's PBS Professional job scheduling software that increases the utilization of the IBM Blade Center(R) QS20.

Directed by Bader, the STI Cell Center of Competence at Georgia Tech has a mission to grow the community of Cell/B.E. processor users and developers by performing research and service in support of the Cell/B.E. processor, and further enable students at the College to grow their skills and experience around Cell/B.E. technology to apply in



myPlan Retirement

- Five que
- Two min

And you!

Start Pla

Fidelity Br

MOST POPULAR

READ E-M

1. Stocks in
2. More eq rather th
3. U.S. sto closing h
4. Five little mileage

future career opportunities. The Center will sponsor discussion forums and workshops, provide remote access to Cell/B.E. processor based blade hardware installed at Georgia Tech, create and disseminate software optimized for Cell/B.E. processor based systems, and perform research on the design of Cell/B.E. processor based systems, algorithms, and applications. A collaboration with SCEI, Toshiba and IBM supports the Center's activities and research efforts in support of broadening the Cell/B.E. processor's impact into multiple sectors and industries, including scientific computing, digital content creation, bioinformatics, finance, gaming and entertainment.

About the College of Computing at Georgia Tech

The College of Computing at Georgia Tech is a national leader in the research and creation of real-world computing breakthroughs that drive social and scientific progress. With its graduate program ranked 11th nationally by U.S. News and World Report, the College's unconventional approach to education is pioneering the new era of computing by expanding the horizons of traditional computer science students through interdisciplinary collaboration and a focus on human centered solutions. For more information about the College of Computing at Georgia Tech, its academic divisions and research centers, please visit www.cc.gatech.edu.

IBM, BladeCenter, and Power Architecture are trademarks of IBM Corporation in the United States and/or other countries.

PLAYSTATION is a registered trademark of Sony Computer Entertainment Inc.

All other company/product names and service marks may be trademarks or registered trademarks of their respective companies.

Cell Broadband Engine is a trademark of Sony Computer Entertainment Inc.

See <http://www.ibm.com/legal/copytrade.shtml>.

SOURCE: College of Computing at Georgia Tech

For College of Computing at Georgia Tech Brendan Streich, 404-260-3519 bstreich@gcigroup.com Copyright Business Wire 2007 ***** As of Sunday, 05-27-2007 23:59, the latest Comtex SmarTrend® Alert, an automated pattern recognition system, indicated an UPTREND on 04-17-2007 for IBM @ \$96.83. For more information on SmarTrend, contact your market data provider or go to www.mysmartrend.com SmarTrend is a registered trademark of Comtex News Network, Inc. Copyright © 2004-2007 Comtex News Network, Inc. All rights reserved. ■



[EMAIL](#) [PRINT](#) [RSS](#) [DIGG](#)

- 5:08pm 6/1/2007 [Wal-Mart to scale back supercenter openings](#)
 - 4:50pm 6/1/2007 [U.S. stocks rally; S&P 500, Dow take new closing highs](#)
 - 4:02pm 6/1/2007 [Dell on the rise, but is turnaround already priced in?](#)
 - 1:47pm 6/1/2007 [New signs of growth point managers to Western European markets](#)
 - 1:21pm 6/1/2007 [U.S. economy catching a second wind](#)
- [More news](#)

SPONSORED LINKS [Get listed here](#)

- 5. [NY crude underval](#)
- 6. [Northrop contract](#)
- 7. [Short tra and LBO](#)
- 8. [Avaya, M advance](#)
- 9. [U.S. eco](#)
- 10. [Wal-Mar](#)

[Get the Latest](#)

TRADING CENTERS

100 FREE
E*TRADE Securities

Pay \$9.95.
charles

RELATED NEWS

Company: In

[Salesforce.com](#)

[Tech stocks c](#)

[U.S. stocks ra](#)
[plunge](#)

■ [More news r](#)

Have You Invented Anything?

We help inventors! Invention submission & patent services. Free info.

www.inventhelp.com

Gatlinburg Cabin Rentals, Smoky Mountains

Gatlinburg and Smoky Mountain cabin rentals, special rates available.

hearthisidecabinrentals.com

Charter Flights Your Way

Customized charter flights arranged worldwide! We're all about "you."

www.customairetravel.com

The Fiske Group Public Relations

Public Relations for the luxury market. Call us today.

www.thefiskegroup.com

Outer Banks Grocery and Cooking

Don't shop, don't cook. Let our team complete your vacation.

www.outerbanks-obx.com

IN THIS STORY

Companies

International

Create alert

[Site Index](#) | [Archive](#) | [Help](#) | [Feedback](#) | [Membership](#) | [Premium Products](#) | [RSS](#) | [Podcasts](#) | [Company Info](#) | [Advertising Media Kit](#)

Dow Jones Online Network:

WSJ.com | Barron's Online | BigCharts | Virtual Stock Exchange | All Things Digital | MarketWatch Sync
CareerJournal.com | CollegeJournal.com | OpinionJournal.com | RealEstateJournal.com | StartupJournal.com



Copyright © 2007 MarketWatch, Inc. All rights reserved.

By using this site, you agree to the [Terms of Service](#) and [Privacy Policy](#) (updated 4/3/03).



Intraday data provided by [Comstock](#), a division of Interactive Data Corp. current end-of-day data provided by [FT Interactive Data](#). More information

College of Computing at Georgia Tech Hosts Workshop to Drive Innovation in Cell
current financial status. Intraday data delayed 15 minutes for Nasdaq, and 20 minutes for other ex changes. Dow Jones IndexesSM from Dow Jones & Company, Inc. SEH
at least 60-minutes delayed. All quotes are in local exchange time.