Georgia Tech, Sony/Toshiba/IBM
Workshop on Software and Applications
for the Cell Broadband Engine processor
18-19 June 2007
Workshop Organizers

• Co-Chairs
  – David A. Bader
  – Santosh Pande

• Local Arrangements
  – Della Phinisee
  – Lometa Mitchell

• Steering Committee
  – Doreen Anding, IBM
  – David A. Bader, GA Tech
  – Gordon Ellison, IBM
  – Austin Noronha, Sony
  – Santosh Pande, GA Tech
  – Hiroshi Sekiguchi, Toshiba
  – Kenji Suzuki, Toshiba
  – Bob Szabo, IBM
  – Thomas Swidler, Sony
Program Highlights

• 3 Keynote Talks
  – Monday morning: Yoshio Masubuchi (Toshiba)
  – Monday afternoon: Dominic Mallinson (Sony)
  – Tuesday morning: Bijan Davari (IBM)

• 6 Technical Sessions
  – Software Tools and Technologies
  – Scientific Computing (x 3)
  – Gaming and Entertainment
  – Independent Software Vendors
Recent Changes to the Program

• Cell/B.E. Powered Games, Jim Tilander, LucasArts
  – Now at Monday, 11:45am-12:15pm

• GLIMPSES: A Tool for Global Inter-procedural Memory and Parallelism Estimation in SPUs, Jaswanth Sreeram, Ling Liu, and Santosh Pande (Georgia Tech)

• Cellule: Virtualizing Cell/B.E. for Lightweight Execution, Vishakha Gupta (Georgia Tech) and Jimi Xenidis (IBM T.J. Watson Research Center)
  – Now at Tuesday, 10:30am-11:00am
Exhibits and Demos

- Please visit Klaus 1116
- (Plus Georgia Tech Research Posters)
Nearly 200 attendees!!

- AIST, Japan
- AIT
- AT&T Mobility
- Allinea Software Inc.
- Argonne National Laboratory
- Armstrong Atlantic State University
- Aurora Borealis Software LLC
- Chestatee High School
- ClearSpeed Technology Inc.
- Cmpware Inc.
- D Molly
- Data Smarts
- DataPath Inc
- Gedae Inc.
- Georgia Institute of Technology
- Georgia Southern University
- Georgia State University
- GreatWall Systems Inc
- High Performance Software
- IBM
- Indiana Univeristy
- Insomniac Games
- Iowa State University
- JTB Travel Network Inc
- La Sierra University
- Los Alamos National Laboratory
- LucasArts
- MIT Lincoln Laboratory
- Mentor Graphics
- Mercury Computer Systems
- Moundville High School
- NASA Advanced Supercomputing
- NCSA/ University of Illinois
- NYP
- Nanyang Polytechnic, Singapore
- Pacific Northwest National Laboratory
- Pratt & Whitney
- Purdue University
- RapidMind
- Rice University
- Rutgers University
- San Jose State University
- Semantic Appliance
- Sony Computer Entertainment Inc.
- Stottler Henke Associates
- Sure Programming
- Technical University of Catalonia (UPC)
- TerraSoft Solutions
- Toshiba Corp.
- Trinity College Dublin
- Tsinghua University, China
- University of Maryland, Baltimore County
- Moundville High School
- University of Maryland at College Park
- University of Alabama at Birmingham
- University of Connecticut
- University of Delaware
- University of Georgia
- University of Manitoba, Canada
- University of Sao Paulo, Brazil
- University of South Carolina
- University of Southern California
- University of Tennessee
- University of Virginia
- Virginia Tech
Logistics

• Breakfast, morning and afternoon coffee breaks
  – Near Registration area

• Buffet Lunch
  – Klaus Atrium (go outside and back inside)

• Exhibits, Demos, Posters, and ISV technical session
  – Room 1116, by the Klaus Atrium

• At 5pm tonight Stinger Shuttle will take attendees back to the Wyndham for this evening’s banquet

• At 7am-8:30am tomorrow morning, please catch the Stinger Shuttle back to campus
Presentations

• We will place the presentations online as PDF at the workshop website
  http://sti.cc.gatech.edu/

• Speakers: Please copy your presentation to the USB Memory Stick