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6.189 Multicore Programming Primer, January (IAP) 2007

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6.189 IAP 2007

Award Ceremony

Opportunities Ahead

- <http://www-304.ibm.com/jct09002c/us/en/university/students/contests/cell/index.html>

Challenge 1

- Begins February 5 at 12:00AM
- Pass an online quiz
- Win a T-shirt
 - First 300 students to complete challenge will each receive a **seriously** cool t-shirt

Challenge 2: Top Innovator Award

- \$10K grand prize
- Requires “some solid coding skill on your part”
- Three categories
 - **Application solution**
 - Financial Services, Medical Imaging, Electronic Design and Automation, Digital Video Surveillance, Computational Biology and Medicine, ...
 - **Operating System**
 - **Programmability**
 - Programming models and frameworks

6.189 IAP 2007 Best Project Award

- **Seriously** cool trophies
- \$150 gift certificate for each team student member
- I am working on a 1-day trip to IBM T. J. Watson to present the winning project

Most Complex

Speech Synthesis

- Drew Altschul
- Joyce Chen
- Eric Eisner
- Omari Stephens
- Brown Westrick

Most Synchronization Issues

Cell Battery Simulation

- Jon Chu
- James Geraci
- Raghunathan Sudarshan

Most Parallel Programming Challenges

Software Radio (Flexible Stream Programming)

- Micah Brodsky
- Arvind Thiagarajan

Best Effort

Global Illumination

- Pramook Khungurn

Molecular Dynamics Simulator

- Greg Pntilie

Most Complete Project

Backgammon Tutor

- Mike Fitzgerald
- Eddie Scholtz

Best Overall Project - 6.189 Award

Blue-Steel Ray Tracer

- Natalia Chernenko
- Michael D'Ambrosio
- Scott Fisher
- RJ Ryan
- Brian Sweatt
- Leever Williams

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You Have Been Cell-ified!

Acknowledgements

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