

# Virginia Tech at SC|07

## The Green500 List

- The Green500 List will be formally announced on Thursday, November 15.

## Technical Sessions

- SC|07 Storage Challenge Finalist: "ParaMEDIC: A Parallel Metadata Environment for Distributed I/O and Computing"  
Date & Time: Tuesday, November 13 at 1:30 – 1:50 PM  
Location: A10 / A11  
Contact: W. Feng, feng@cs.vt.edu
- Paper: "Analyzing the Impact of Supporting Out-of-Order Communication on In-Order Performance with iWARP"  
Date & Time: Tuesday, November 13 at 1:30 – 1:50 PM  
Location: A2 / A5  
Contact: W. Feng, feng@cs.vt.edu
- Poster: "Thermal-Aware High-Performance Computing Using TEMPEST"  
Date & Time: Tuesday, November 13, 5:15 – 7:00 PM  
Location: Ballroom Lobby  
Contact: K. Cameron, cameron@cs.vt.edu

## Software Demonstrations

- mpiBLAST  
Contact: W. Feng, feng@cs.vt.edu
  - Booth #WS8, WS12, WS28: AMD
  - Booth #551: Argonne National Laboratory
  - Booth #WS9, 820: Intel
  - Booth #2803: Virginia Tech
- ParaMEDIC: Parallel Metadata Environment for Distributed I/O and Computing  
Contact: W. Feng, feng@cs.vt.edu
  - Booth #551: Argonne National Laboratory
  - Booth #2803: Virginia Tech

## BOFs, Panels, etc.

- BOF: "Unifying Layered Parallelism on the Cell BE"  
Session: "Unleashing the Power of the Cell Broadband Engine Processor for HPC"  
Date & Time: Wednesday, November 14 at 5:30 – 7:00 PM  
Location: A10 / A11  
Contact: D. Nikolopoulos, dsn@cs.vt.edu
- Panel: "Is there an HEC Energy Crisis?"  
Date & Time: Friday, November 16, 8:30 – 10:30 AM  
Location: A1/A6  
Contact: K. Cameron, cameron@cs.vt.edu

- Doctoral Showcase: "Improving Power-Performance Efficiency in High-End Computing"  
Date & Time: Wednesday, November 14, 3:30 – 3:45 PM  
Location: A10/A11  
Contact: R. Ge, ge@cs.vt.edu

#### Workshops

- A Result-Data Offloading Service for HPC Centers  
Petascale Data Storage Workshop  
Date: Sunday, November 11  
Contact: Ali Butt, butta@cs.vt.edu

#### VT Commercialization

- EverGrid: Always On, Always Optimized, Booth #2715