2007 Notable Systems first mentioned this year in the proceedings:
- IBM QS20 Cell BE Blade
- SGI Altix 3700
- Sun Fire X2200
- Cray XT4

Notable Processors:
- AMD Opteron 2214
- Intel Clovertown and Woodcrest
- NVIDIA GeForce 8800
- Sun UltraSPARC T2 Niagara2

Noteworthy Architecture Topics:
- Kernel component interference with parallel applications
- Multicore performance
- Failure prediction in large systems
- Energy consumption in large scale computations

Notable Operating Systems:
- UNICOS/loc

Comparison of parallel file system performance

Part of the Internet backbone on the east coast