Fun and Interesting Facts about SC09

SCinet

- WAN Bandwidth: 400 Gigabits per second (200,000 times more than an average home connected to broadband) (Capable of transmitting 100 Blu-Ray movies in one minute)
- Miles of fiber deployed in the OCC: 204
- Number of SCinet Volunteers: 140
- Value of Donated equipment: $20M
- Demonstrations: 40 and 100 Gigabit Ethernet and 12x QDR Infiniband
- Dozens of VooDoo Donuts consumed: 8 and counting
- Miles of fiber in metro-Portland supporting SCinet: 34
- Semi-trailer loads of equipment and supplies: 3

SCinet

For seven days, The Oregon Convention Center will be home to the most powerful network in the world - SCinet. SCinet is built each year for the SC conference to enable revolutionary scientific applications, high performance computing demonstrations and network experiments that have become the trademark of the conference. With a massive 400 Gigabits per second of capacity - more than nearly any network in the world - SCinet is at least 200,000 times more powerful than an average home broadband connection and is capable of transmitting 100 Blu-Ray movies - each 25 gigabytes in size - in just over one minute. SCinet is built by over 140 volunteers from industry, academia, and government organizations leveraging $20 million in donated equipment from leaders in the technology sector who seek the opportunity to showcase their products in this highly advanced network environment. This year, the team has also deployed over 200 miles of fiber optic cable just in the convention center and in the regional Portland area to make these network capabilities possible. Since its first instantiation over twenty years ago, SCinet has served as the platform of choice for research and industry leaders to demonstrate major breakthroughs in HPC, storage and networking including most recently advances in 40 and 100 Gigabit per second network transport technology which would at least quadruple the average bandwidth of most networks today.

SC09 Registration Facts:

- Not counting the USA, 1,878 registrations from 70 countries.
- At least 1 registration from all 50 US states, the DC, and Puerto Rico
- Tech papers: 261 submissions, over 1100 reviews, 59 accepted (22.6%)
- Tutorials 28 accepted out of 71 submissions
- 29 Panel submissions (more than 2x over SC08)
- SC09 registration and conference store will process more than 60 pallets of material

SC09 Exhibitor Facts:

- Total of 318 exhibitors and 131,650 net square feet of exhibit space
- 123 Research Exhibitors – an all-time record!
- 195 Industry Exhibitors
- SC09 is proud to have the largest SC conference exhibitor ever with Microsoft at 4,500 sq. ft.