Louisiana Optical Network Initiative Partners with SC10 To Provide High-Speed Network Resources For SCinet, Conference's Ultra-High Bandwidth Network

NEW ORLEANS, Louisiana – March 22, 2010 – From November 13 through 19, 2010, New Orleans' Ernest N. Morial Convention Center will be home to one of the most powerful networks in the world – SCinet. Built each year for the annual SC conference, SCinet will deliver over 300 Gigabits per second (Gbps) in bandwidth, which would allow the entire collection of books at the Library of Congress to be transferred in under 27 seconds. SCinet provides the platform SC exhibitors and attendees require to showcase the revolutionary high performance computing (HPC) applications and networking experiments that have become the trademark of the conference.

The SC10 conference – formerly called Supercomputing – is the premier international conference on high-performance computing, networking, storage and analysis that is held annually in November. The 2010 conference has partnered with The Louisiana Optical Network Initiative, or LONI, to provide the high performance, wide-area networking resources needed to build and operate SCinet.

Key leaders from LONI, along with high-performance computing staff at Louisiana State University, will work with the conference on planning and logistics throughout the year to ensure adequate networking operations and support, and will begin building the network on-site in September. This robust infrastructure will support the over 10,000 attendees expected for SC10.

Jamie Van Randwyk, Principal Member of Technical Staff at Sandia National Laboratories and Chair of SCinet said, "We are pleased to partner with LONI to provide the wide area networking resources that ensure SCinet has the capacity and connections needed to support the bandwidth intense demonstrations that are key to SC10 attendees and exhibitors' experience."

"We are honored that SC10 will take place in our state, and we are pleased to provide staff support so LONI and Louisiana's higher education institutions can show their support for this world-renowned conference," said Les Guice, LONI Management Council chairman. "As we continue preparations for the next several months, we look forward to more opportunities to use Louisiana's networking and high-performance computing technologies to benefit SC10."

LONI is a high-speed, fiber optic network that connects supercomputing resources among six universities and the two LSU health sciences centers in state. LONI connects Louisiana to the major national research networks, including Internet2 and National LambdaRail, and is one of 11 resource providers on TeraGrid, the backbone of national cyberinfrastructure. More information about LONI is available at http://www.loni.org.

SCinet is currently soliciting requests for WAN circuits at SC10. Please visit: http://sc10.supercomputing.org/files/SCinetRelease1.pdf for more information.

For more information on SC10, please visit http://sc10.supercomputing.org.

ABOUT SC10
SC10, sponsored by IEEE Computer Society and ACM (Association for Computing Machinery) offers a complete technical education program and exhibition to showcase the many ways high performance computing, networking, storage and analysis lead to advances in scientific discovery, research, education and commerce. This premier international conference includes a globally attended technical program, workshops, tutorials, a world class exhibit area, demonstrations and opportunities for hands-on learning. For more information on SC10, please visit http://sc10.supercomputing.org