The 1st workshop on Scientific Cloud Computing (ScienceCloud) will provide the scientific community a dedicated forum for discussing new research, development, and deployment efforts in running scientific computing workloads on Cloud Computing infrastructures. The ScienceCloud workshop will focus on the use of cloud-based technologies to meet new compute intensive and data intensive scientific challenges that are not well served by the current supercomputers, grids or commercial clouds. This workshop encourages interaction and cross-pollination between those developing applications, algorithms, software, hardware and networking, emphasizing scientific computing for cloud platforms.

**Topics**
- scientific computing applications using clouds
- performance evaluation of existing systems
- programming models and tools
- storage cloud architectures and implementations
- compute resource management for scientific computing on cloud computing infrastructures
- high-performance computing on cloud computing models, frameworks and systems for cloud security

**Important Dates**
- Abstracts Due: March 15th, 2010
- Papers Due: March 15th, 2010
- Not. of Acceptance: April 15th, 2010
- Workshop Date: June 21st, 2010