



## Workshop #2

### Scalable Algorithms for Network Simulation and Analysis

**Organizer:** Hristo Djidjev (Los Alamos National Laboratory)

This workshop focuses on the design and analysis of algorithms for simulation and analysis of large networks. One application of interest is the simulation of complex socio-technical systems consisting of millions of interacting physical, technological, and human components. Examples of such systems include transportation, public healthcare, telecommunication, and computing systems including the Internet and the WWW. Another topic of particular interest is scalable algorithms for simulation, distributed data collection, collaborative information processing, and self-organization of mobile wireless sensor networks. The workshop aims to bring together some of the leading researchers with the goal of identifying fundamental issues in designing, analyzing, and implementing such algorithms on high performance computing architectures.