This workshop is the first Geant4 users workshop to be held in the U.S. The workshop consists of tutorials and presentations. Tutorials start at the novice level, which is aimed at the people who are new to Geant4, then proceed to advanced lectures for experienced users. Presentations are planned both from Geant4 users in various application fields and from Geant4 developers. Participants will be strongly encouraged to describe their own applications. Town meetings involving users and developers will also be held.

Geant4 is a general-purpose simulation toolkit for elementary particles interacting with matter. Its usage ranges from high energy cosmic or high energy particle physics, nuclear physics, the assessment of radiation shielding and satellites, and is expanding into medical physics studies.