Exascale computing will place constraints on I/O, power, data movement, and architecture. These constraints will force many changes in visualization software and its approaches, including forcing in situ processing to become a dominant paradigm. In this talk, Hank will describe the exascale landscape, discuss why and how visualization will look different than it has before, and describe promising results on how the community can move forward.

Bio:
Hank Childs is an associate professor of computer science at the University of Oregon, and also a staff scientist at Lawrence Berkeley National Laboratory. He received his Ph.D. from the UC Davis in 2006. Hank's research focuses on scientific visualization, high performance computing, and the intersection of the two. Outside of his research, Hank is best known as the architect of the VisIt project, a visualization application for very large data that is used around the world.

Friday, March 18, 2016
10:00 – 11:00 am
Mesa Lab, Main Seminar Room

VisIt - http://www.llnl.gov/visit