

**Institute for Advanced Simulation
Jülich Supercomputing Centre**

IAS Seminar

Topic: **Exascale Visualization: A Paradigm Shift and
Four Big Challenges**

Speaker: Prof. Hank Childs, Computer and Information Science Department,
University of Oregon

Contents: Exascale computing is on the horizon, and may appear as soon as 2019. So what does this mean for visualization? Plenty. Exascale machines will place severe 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, we will describe the exascale landscape and discuss why and how visualization will look different than it has before.

Time: Thursday, 27 March 2014, 11:00

Venue: Jülich Supercomputing Centre, Rotunda, building 16.4, room 301

Anyone interested is cordially invited to participate in this seminar.

sgd Prof. Dr. Dr. Thomas Lippert