

PLENARY LECTURE: NEW MEXICO HIGH PERFORMANCE COMPUTING INITIATIVE

Friday, 11 April 1:30pm-3:00pm

UNM SUB Room: Lobo

Bowles, Tom (State of New Mexico – Governor’s Office)

The New Mexico Computing Applications Center is leading an effort to establish one of the world's most powerful computer systems in New Mexico. This move will allow the state to partner with private businesses on research and development projects, attract top academic researchers and help communities solve complex problems. The world is entering into a new era of computing. This means that explosive growth in computing power and dramatic reductions in cost allows researchers to model problems with a great deal of confidence in predicted outcomes. This allows companies, universities and governments to quickly and efficiently make decisions about their futures. Supercomputers allow companies to model new airplane designs and life-saving drugs. They allow governments to model more efficient traffic flows to cut fuel costs. And supercomputers attract many of the best scientists and researchers in the world.