

Abstract for an Invited Paper
for the SES11 Meeting of
The American Physical Society

Evolving from TeraGrid to XSEDE

JOHN TOWNS, University of Illinois

Since 2001, the TeraGrid has developed into a world-class integrated, national-scale computational science infrastructure with funding from the NSF's Office of Cyberinfrastructure (OCI). Recently, the TeraGrid project came to an end and has been supplanted by the NSF's eXtreme Digital program, opening a new chapter in cyberinfrastructure by creating the most advanced, powerful, and robust collection of integrated advanced digital resources and services in the world. This talk will introduce the new project, XSEDE: the eXtreme Science and Engineering Discovery Environment, which began July 1, 2011.