12th Annual Computer Science Student Conference

CSSC 2016

KEYNOTE ADDRESS

Cyberinfrastructure for Science and the Science of Cyberinfrastructure

Dr. Shantenu Jha
Rutgers University

Student Union Building, Ballroom A
Thursday, April 7, 2016 11 am - 12 pm

To support science and engineering applications that form the basis of many societal and intellectual challenges in the 21st Century, there is a need for balanced, flexible and scalable distributed cyberinfrastructure. The process of designing and implementing distributed cyberinfrastructure to meet the diverse needs presents a challenging research agenda. This talk aims to convey the excitement and opportunities in designing cyberinfrastructure for scientific applications. It will also demonstrate how, even as the cyberinfrastructure community is designing the next-generation cyberinfrastructure, it is taking important steps towards the "Science of Cyberinfrastructure".

Dr. Jha's research interests lie at the triple point of High-performance distributed Computing, Computational Science and Cyberinfrastructure; he leads the **RADICAL-Cybertools** (**radical-cybertools.github.com**) project which are a suite of standards-driven and abstractions-based tools used to support large-scale science and engineering applications.

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