



NIMBioS Interdisciplinary Seminar

3:30 p.m.*, Tuesday, August 25, 2015

Dr. Anthony Mezzacappa
Director, Joint Institute for Computational Sciences

“The Joint Institute for Computational Sciences: The Skinny”

The Joint Institute for Computational Sciences (JICS) was first established in 1991 and has been through several critical phases in the more than two decades since, including the award by DOE to UT-Battelle of the management of the Oak Ridge National Laboratory, the award by NSF to the University of Tennessee (UT) of the Kraken supercomputer, which was the nation’s first academic petaflop supercomputer, and the award by NSF to the University of Illinois of the eXtreme Science and Engineering Discovery Environment (XSEDE), of which JICS is a leading partner, to support NSF’s national cyberinfrastructure. As a result, JICS and, within it, the National Institute for Computational Sciences (NICS), one of NSF’s five supercomputing centers, took on a national focus, supporting thousands of users and projects across all scientific and engineering domains. Within the past two years, we have focused on bringing JICS expertise and resources, and its overall unparalleled NSF track record of user support, to campus. During this time, we have established a significant number of new, single- and multiple-investigator collaborations with campus faculty. Our desire is to continue this growth and, most important, bring the best of what the University has to offer in computing to its faculty and the research frontiers they wish to advance. I will give an overview of JICS, focusing on its unique aspects, particularly as they pertain to their potential utility to campus faculty and the opportunities they may afford faculty. I will discuss some of our ongoing collaborations with campus, and discuss ways we can, and hope to, engage other faculty in the future.

Location: Room 105 at NIMBioS, Claxton Education Bldg, 1122 Volunteer Blvd.

**Join us for refreshments at 3 p.m.*

The National Institute for Mathematical and Biological Synthesis (NIMBioS) brings together researchers from around the world to collaborate across disciplinary boundaries to investigate solutions to basic and applied problems in the life sciences. NIMBioS is sponsored by the National Science Foundation with additional support from The University of Tennessee, Knoxville