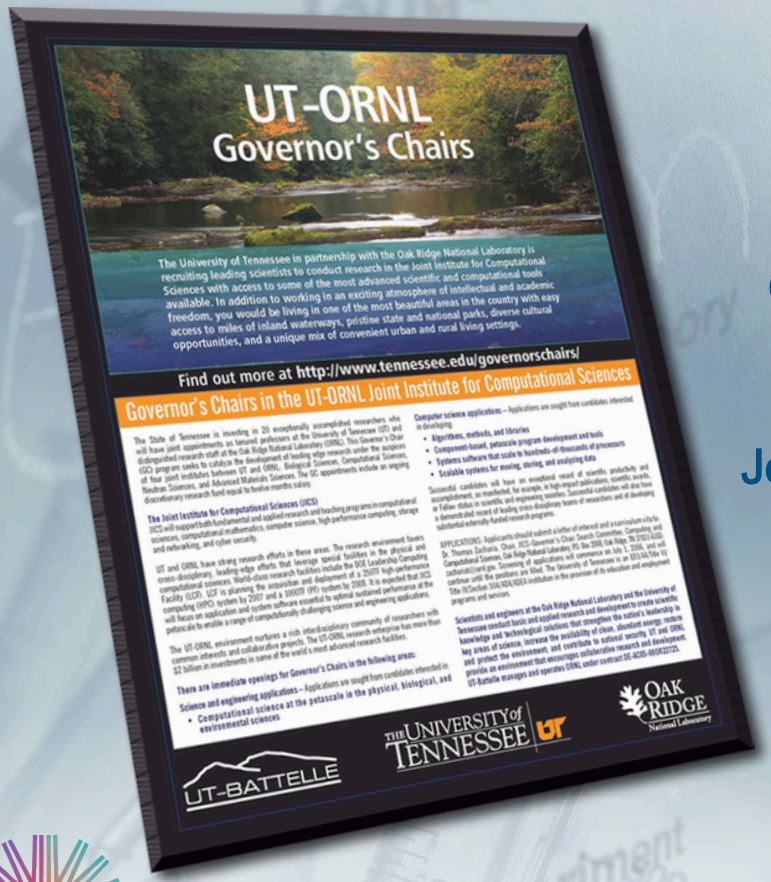
Joint Institute for Computational Sciences



Presented by

Thomas Zacharia

Associate Laboratory Director
Computing and Computational Sciences
Oak Ridge National Laboratory

Director
Joint Institute for Computational Sciences
University of Tennessee

SC07

OAK RIDGE National Laboratory

Joint Institute for Computational Sciences

- State of Tennessee-funded building
- Constructed in 2004 on ORNL's East Campus

Joint Institute for Computational Sciences

- State-of-the-art distance learning
- Interactive seating
- Conference rooms
- Open meeting space
- Executive offices for distinguished scientists and directors
- Incubator suites for students and visiting staff

- Opened 2005
- 52,000 sq. ft.

Joint Institute for Computational Sciences

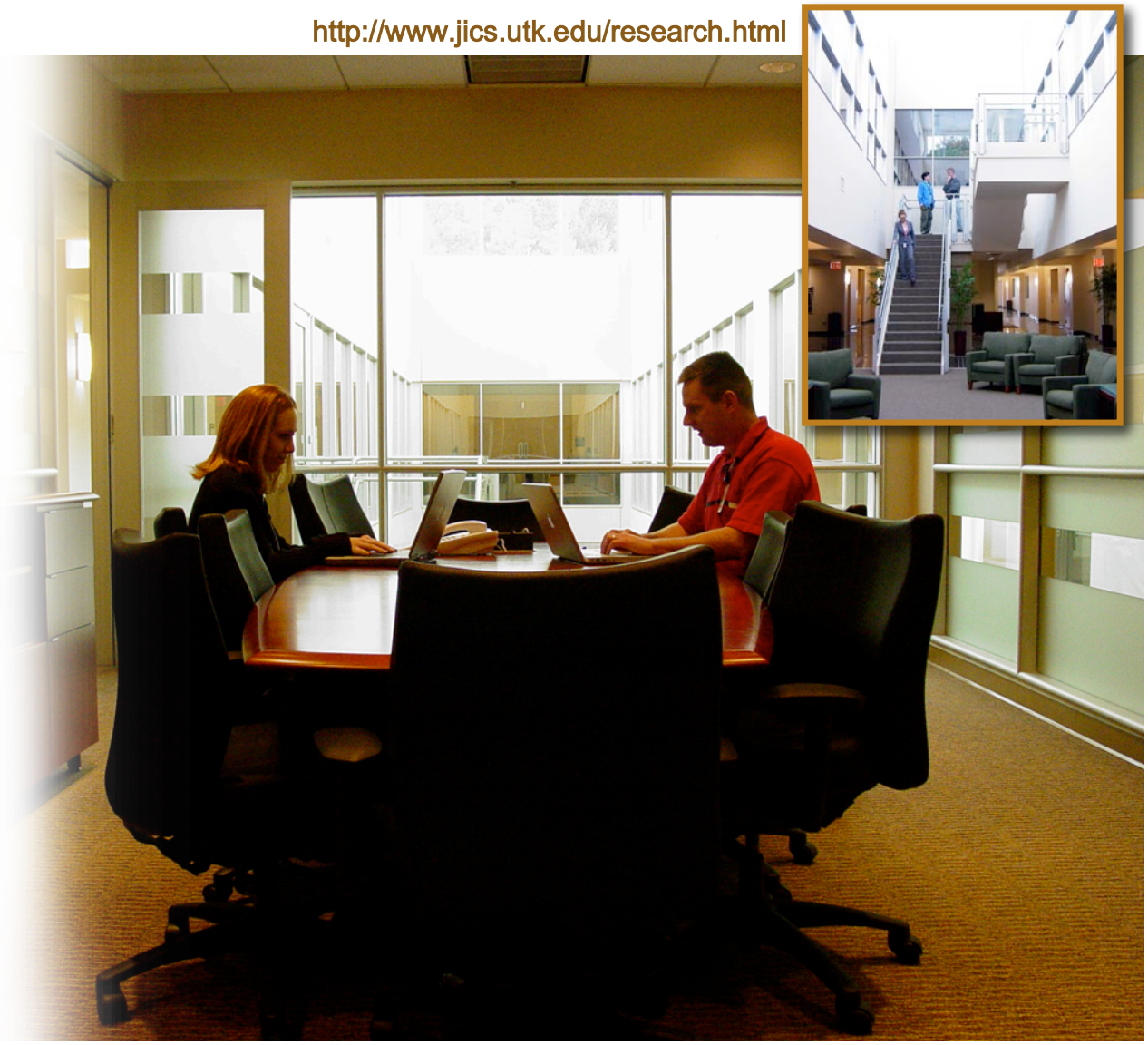
http://www.jics.utk.edu/research.html

Appointments

- Faculty
- Governor's chairs
- Joint faculty
- Postdoctoral
- Student

Research

- Computer Science
- Computational Chemistry
- Computational Biology
- Computational Materials Science
- Networking
- Astrophysics
- Fusion
- Applied Math
- More . . .



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Summer student poster presentations in JICS lobby

Research **A**lliance in **M**ath and **S**cience Program

http://www.csm.ornl.gov/Internships/RAMS.html

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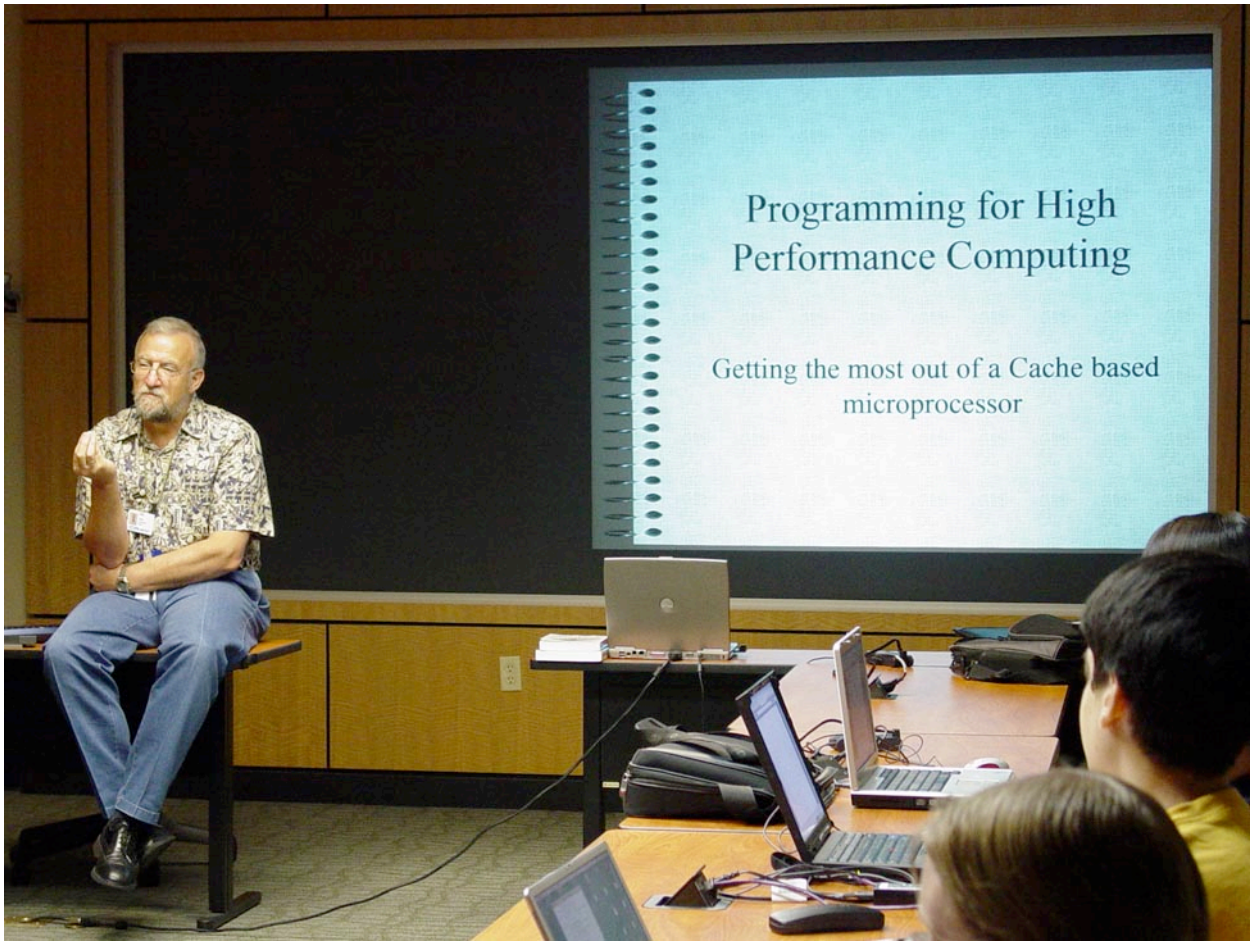

Summer student opportunities

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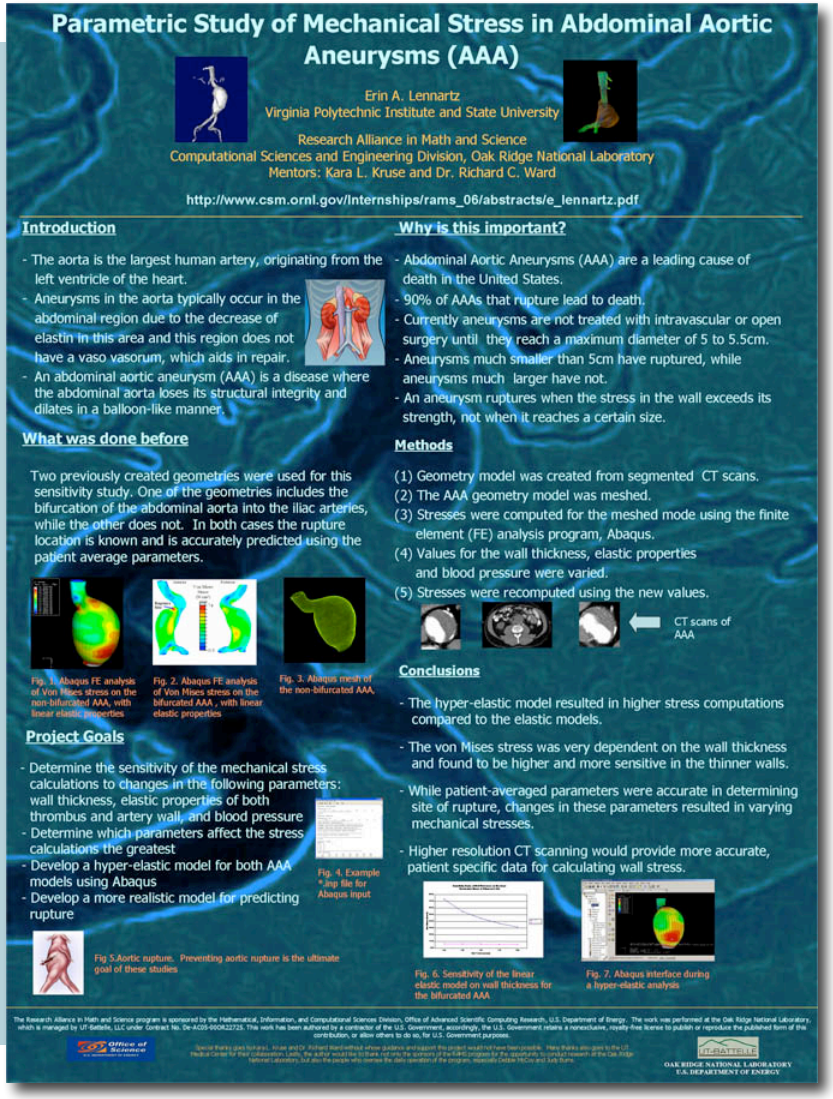
Exploratory **V**isualization **E**nvironment for **RE**search in **S**cience and **T**echnology (EVEREST)

http://www.jics.utk.edu/education.html

Joint Institute for Computational Sciences

Research Areas

- SensorNet
- Geographic Information Science and Technology
- Biomedical Engineering
- Climate Dynamics
- Complex Systems
- Computational Materials Science
- Future Technologies
- Network and Cluster Computing
- Statistics and Data Sciences
- Computational Chemical Sciences
- Vulnerability Analysis
- Computing Applications and Web Technologies
- Grand Challenge Science and Engineering Applications



Student research opportunities through the
Research **A**lliance in **M**ath and **S**cience (RAMS) Program
http://www.csm.ornl.gov/Internships/RAMS.html

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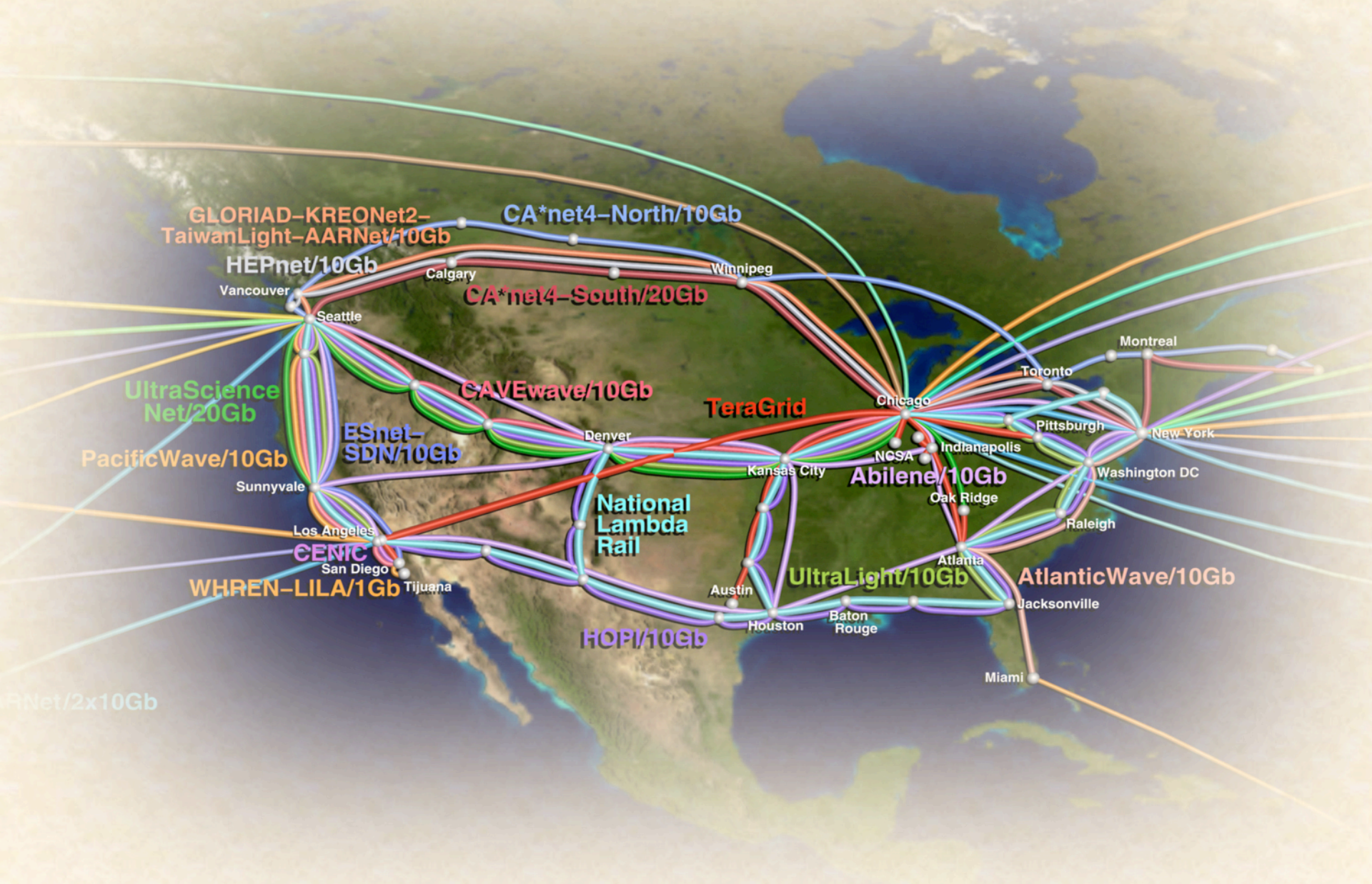

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