



Southeastern Universities Research Association (SURA)

Dr. Jerry Draayer, SURA President

SURA INBRE Workshop

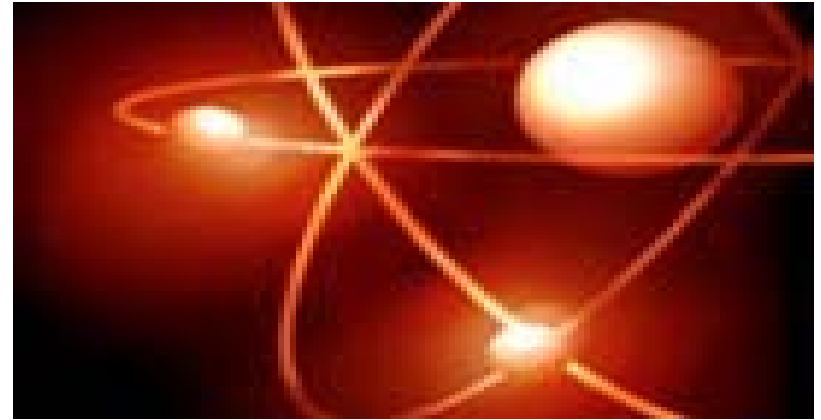
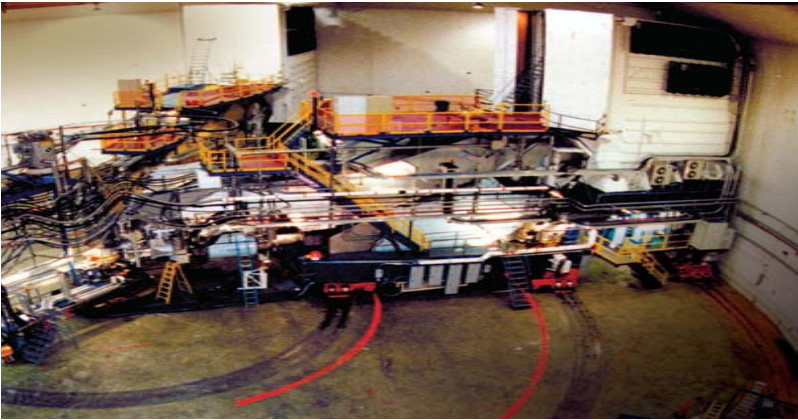
July 29 & 30, 2004

About SURA

- Not-for-profit organization promoting collaboration in science and technology
- 62 Member Universities and Colleges throughout Southern United States
- Major programs:
 - High Energy / Nuclear Physics (Jefferson Lab)
 - Information Technology
 - Coastal Research
- On the Web at: www.sura.org



Thomas Jefferson National Accelerator Facility (JLab)



- Operating DOE facility
- Basic research in nuclear physics
- 6 GeV electron accelerator (12 GeV)
- \$100 million annual budget
- 700 employees, 2000 visiting scientists
- 70% of SURA members represented
- SURA owns all IP generated at JLab



Information Technology

- History of SURAnet
- Regional GigaPops
- Digital Video/Voice over IP (ViDe)
- Middleware & Next-Gen Infrastructure
- National and International Connectivity
- CyberSecurity Working Group
- HPC Working Group



AT&T–SURA Grid Collaboration Agreement



Coastal Ocean Research

- SURA Coastal Ocean Observation and Prediction (SCOOP) initiative (Ocean.US)
- Setting standards for data assimilation
- Building real-time models (operations & research)



Technology Commercialization

- Multiple technology pipelines
 - from base of over \$7 billion R&D
- Event sponsorship
 - Southeast Tech Expo, Terahertz symposium
- Traditional approaches
 - Licenses, joint research agreements, CRADAs and WFOs, startup and spinout companies
- Emerging approaches
 - utilizing key partnerships, technology aggregation programs

www.sura.org

ABOUT

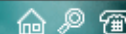
NEWS

PROGRAMS

OUTREACH

EVENTS

COMMERCIALIZATION



SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION



A SCIENCE & TECHNOLOGY RESEARCH & DEVELOPMENT ORGANIZATION.

The Southeastern Universities Research Association (SURA) is a consortium of more than sixty universities and colleges throughout the US. SURA operates the US Department of Energy's Jefferson Lab and promotes initiatives in [nuclear physics](#), [information technologies](#), and [coastal research](#).

RECENT SURA NEWS

- Sept. 16 [September 2003 SURA News Update](#)
 Aug. 20 [SURA/NCSA/UKU/ARL to Hold 3rd
Computational Chemistry Conference](#)
 Aug. 20 [August 2003 SURA News Update](#)

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PROGRAM QUICKLINKS

JLAB

[Nuclear Physics](#) | [Accelerator Physics](#) | [FEL](#) | [DOE Contract](#)

IT

[Infrastructure](#) | [Advanced Applications](#) | [IT Initiatives](#)

COASTAL

[SCOOP](#) | [SCOOP Workshop](#) | [Position Paper](#)



Member Institutions

Click states to view institutions



Facility

Facility	LOCATION
SURA Headquarters	Washington, DC
Jefferson Lab*	Newport News, VA

*SURA operates Jefferson Lab on behalf of the US Department of Energy's Office of Science.