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### Southern University 2006: Engineering the Vision for a Greater Louisiana

A Conference for Environmental Management,  
Restoration, Construction, and Small Business Opportunities

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#### Southern University LONI Symposium Tuesday, May 23, 2006 PBS Pinchback Engineering Building - High Tech Room

The State of Louisiana is at the verge of having a major new computing network, Louisiana Optical Network Initiative (LONI), that will provide a valuable resource for leading-edge research in many fields that have advanced computing needs. The objective of this symposium is to familiarize university faculty with some of the diverse applications-focused high-speed and grid computing research activities related to LONI, to explore new collaborative research and educational opportunities with regional partners, and to explore how to strategically align LONI with new Southern University initiatives, such as the formation of the Southern University Business & Research Corporation (SUBRC).

The central focus of this initiative will be to promote business partnering in education, research, and entrepreneurial activities for faculty and staff through the development of collaborations with specific government and commercial organizations. The core activities of the Park will include: business partnering, research and development, federal contracting, information technology, entrepreneurship, and economic & community development. Southern University would like to utilize its resources to be an active participant in the Louisiana Optical Network Initiative (LONI) and a viable resource in changing Louisiana's education, research, and economic landscape.

**7:30 – 8:00 AM    Registration\Continental Breakfast**

**8:00 – 8:30 AM    Welcome and Introduction  
Chancellor Edward R. Jackson, Ph. D.**

**Dr. Michael Stubblefield**

**8:30– 10:00 AM Gulf Coast Region Environmental Restoration Roundtable Discussion**  
*In Louisiana, the physical shoreline is so irregular and erratic that the State of Louisiana has adopted an "official" shoreline, which is used to separate State and Federal jurisdiction of offshore wells. Because Louisiana is located in the Gulf of Mexico, its physical shoreline and coasts are in extreme danger. This session explores how remote sensing and other geographical information systems research technologies can aid in the assessment of Hurricane affected areas along the Gulf Coast.*

Dr. Fulbert Namwamba, Facilitator

- Dr. Zhu Ning, SUBR CCZARS
- Dr. Lionel Lyles, SUBR CCZARS
- Dr. Kamran Abdollahi, SUBR CCZARS
- Dr. Kumar Krishen, NASA Johnson Space Center

**9:30 - 10:00 AM**

**LONI CAVE Demonstration**  
 Alaa Shams, SUBR CCZARS

**10:00 - 10:20 AM BREAK**

**10:30 - 11:00 AM LONI CAVE Demonstration**  
 Alaa Shams, SUBR CCZARS

**10:20– 11:50 AM Energy Production (Renewable Energy Roundtable & Workshop)**  
*This roundtable session will review the role of renewable energy, specifically ethanol and biofuels, in the global energy production forecast and discuss what that means for economic development, job creation and business opportunity during the rebuilding efforts throughout Louisiana.*

Jackie Knox Brown, METRIC, Inc. - Facilitator

- Dennis McGee, Enviro-Tech Enterprises, Inc.
- Kelsey Short, Louisiana Department of Agriculture
- Fannie Posey-Eddy, National Renewable Energy Laboratory, U.S. Dept. of Energy

**11:30 AM - 12:00 PM**

**LONI CAVE Demonstration**  
 Alaa Shams, SUBR CCZARS

**11:50 AM – 1:45 PM LUNCH - Keynote Speaker**

Representative Steve J. Scalise - District 82  
 Louisiana House of Representatives

**2:00 – 3:00 PM Communications and Interoperability**  
*During the critical hours after Hurricane Katrina*

*hit, communication systems across the affected area were inoperable. The State of Louisiana now finds itself taking the lead in developing a statewide and multi-state interoperable communications architecture. This session takes a hard, honest look at where the State of Louisiana has come from and where we hope to go as it relates to communications.*

Major Joey Booth, Louisiana State Police

- Terry Ebbert, N.O. Director of HLS
- Newell Normand, Jefferson Parish Sheriff's Office

**2:00 - 2:30 PM**

**LONI CAVE Demonstration**

Alaa Shams, SUBR CCZARS

**3:00 – 4:00 PM**

**Panel Discussion – e-Commerce/IT Reconstitution**

*For many years the federal government has recognized that each agency has its own IT infrastructure. However, a formal program called e-Government was initiated to build on this concept and to develop centers of excellence for certain key business practices that are common to most federal agencies. This session discusses how e-Government can play a role in the IT reconstitution of the Gulf Coast and the economic impact thereof.*

Robert A. "Bobby" Savoie, Prescient Technologies - Facilitator

- Jerry Lohfink, Director, National Finance Center
- Bill Parsons, Director, Stennis Space Center
- Randy Niewenhous, Executive Director, SSC-NOLA

**3:00 - 3:30 PM**

**4:00 - 4:30 PM**

**LONI CAVE Demonstration**

Alaa Shams, SUBR CCZARS

**LONI CAVE Demonstration**

Alaa Shams, SUBR CCZARS

**4:00 PM Next Steps and Closing Remarks**

**4:00 – 5:00 PM Business and Technology Expo Setup**