



**NATIONAL SPACE GRANT
SOUTHEAST REGIONAL
MEETING**

OCTOBER 23-24, 2014

**NASA FLORIDA SPACE
GRANT CONSORTIUM**



**Supporting the expansion and
diversification of Florida's Space
Industry**

Providing student funding for high quality education and
training in Science, Technology, Engineering, & Math

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Stennis Space Center



STENNIS SPACE CENTER RESEARCH PRIORITIES



PROPULSION TESTING

- Active and Passive Nonintrusive Remote Sensing of Propulsion Test Parameters
- Intelligent Integrated System Health Management (ISHM) in Rocket Test-Stands
- Advanced Non-Destructive Technologies
- Advanced Propulsion Systems Testing
- Cryogenic Instrumentation and Cryogenic, High Pressure, and Ultrahigh Pressure Fluid Systems



PROPULSION TESTING

- Ground Test Facilities Technology
- Propulsion System Exhaust Plume Flow Field Definition and Associated Plume Induced Acoustic & Thermal Environments
- Vehicle Health Management/Rocket Exhaust Plume Diagnostic



REMOTE SENSING APPLICATIONS

- Applied Sciences Program - Coastal Management
- Coastal Oceanography and Remote Sensing