

Arkansas Projects

with Kennedy Space Center

- Dust Mitigation/Surface Analysis
- Lunar Regolith Analysis and Utilization
- Robotics Team and Research
 - JBU Lunabotics Team
 - UALR robotic vision team
- Environmental concerns of rocket plumes

Arkansas Projects

with Marshall Space Flight Center

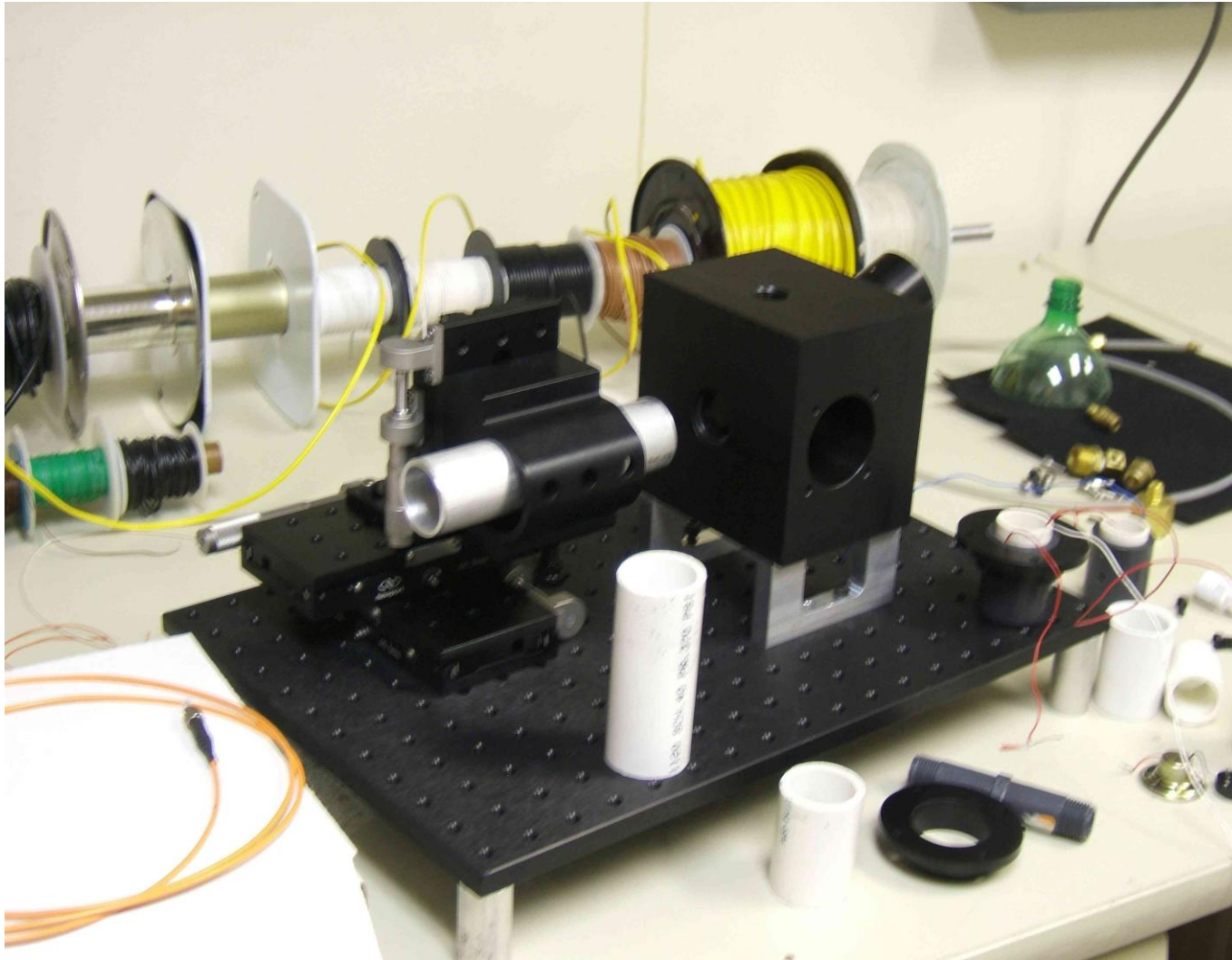
- Rocket Motor Instrumentation
- Plume Characterization
- Hybrid Rocket Fuel Studies
- Materials testing
 - Advanced materials – light metallic structures
 - High temperature materials – rocket nozzles

Arkansas Projects

with Stennis Space Center

- Non-Invasive Plume Monitoring Techniques
- Rocket Motor Diagnostics for Engine Health
- Flame Detection Instrumentation
- Environmental concerns of plumes

Lunar/Mars Dust Analysis Chamber



UALR Hybrid Rocket Firing

