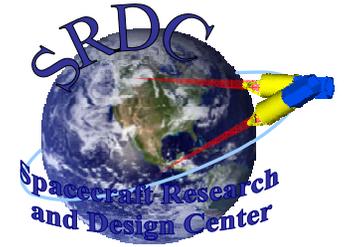




Beam Control of Tactical High Energy Lasers (HELs)



Program Objective: Design trade-offs and optimization of Tactical HEL architecture. Minimize weight, volume and complexity of the beam control system and maximize performance.

Research/Thesis Topics:

- Tactical HEL architecture
- Adaptive control for laser beams, including jitter and adaptive optics
- Integrated control, structure and optics optimization
- System Identification
- Test bed development

Experimental Test Bed:

