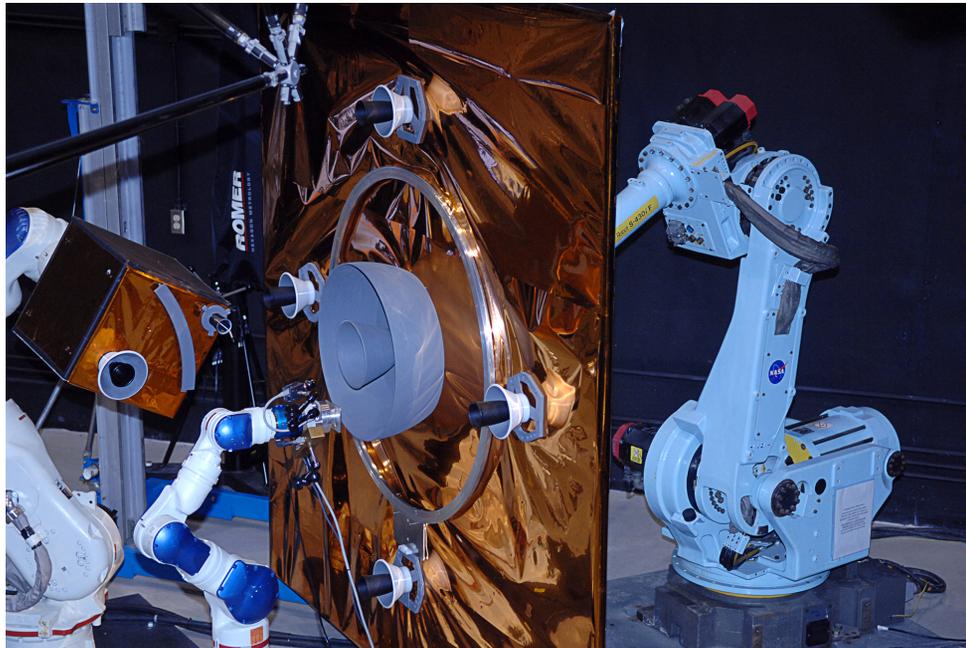


# GRAVITY OFFLOAD TESTBEDS FOR SPACE ROBOTIC MISSION SIMULATION



**Full-day Workshop at the IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)**

**September 24, 2017**



**Co-organizers:**

**Craig Carignan (UMD)  
Giacomo Marani (WVRTC)  
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## APPLICATIONS

- commercial satellite servicing
- assembly and construction
- orbital debris removal
- planetary exploration
- asteroid sample retrieval

## ABOUT THE WORKSHOP

The goal is to review the state of the art in ground-based platforms for space robotics simulation such as:

- air bearing platforms
- robotic mass simulators
- neutral buoyancy simulation
- counterweight gravity offloading
- parabolic flight

**<http://hq.wvrtc.com/iros2017>**