



TECHPRES-37: On-Orbit Servicing, Assembly, and Manufacturing I

- **AIAA-2020-4132**
- **Assemblers: A Modular, Reconfigurable Manipulator for Autonomous in-Space Assembly**
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- **Key Findings**
 - Hardware and software design for a modular robot for in-space assembly
 - Modular robotics approach can reduce non-recurring engineering costs and lower the barrier to entry for on-orbit servicing, assembly, and manufacturing operations
- **Next Steps**
 - Integrate subsystems
 - Perform ground demonstration

