

Android MISL Control

International Project with Texas A&M University

Project partners

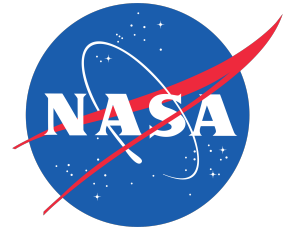
Texas A&M University

- 3rd member will be assigned to our team soon
- the ASEP robot has been already created



NASA

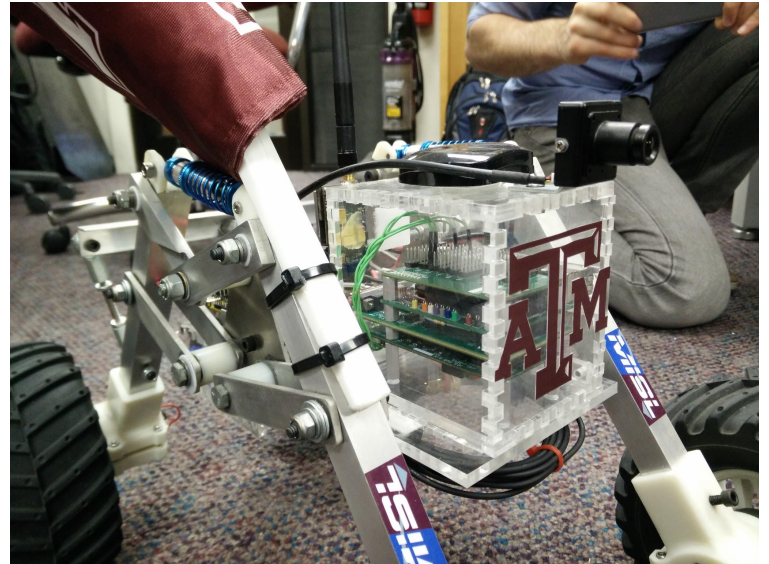
- indirect project partner
- use of NASA space-qualified technologies (MISL)
- enhancement of NASA cooperation project



ASEP

Robot created by TAMU students in early 2014

- powered by MISL
 - rack-and-stack architecture
 - NASA space-qualified
 - Arduino-like



Project goal

Control ASEP with an Android device

- Dedicated control via WiFi Direct
 - Sensor-based / virtual joystick

Display information transmitted by ASEP

- AHRS data (pitch, roll, yaw, acceleration, magnetic heading)
- GPS position
- Optional: Camera feed

Thank you

Any questions left?

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