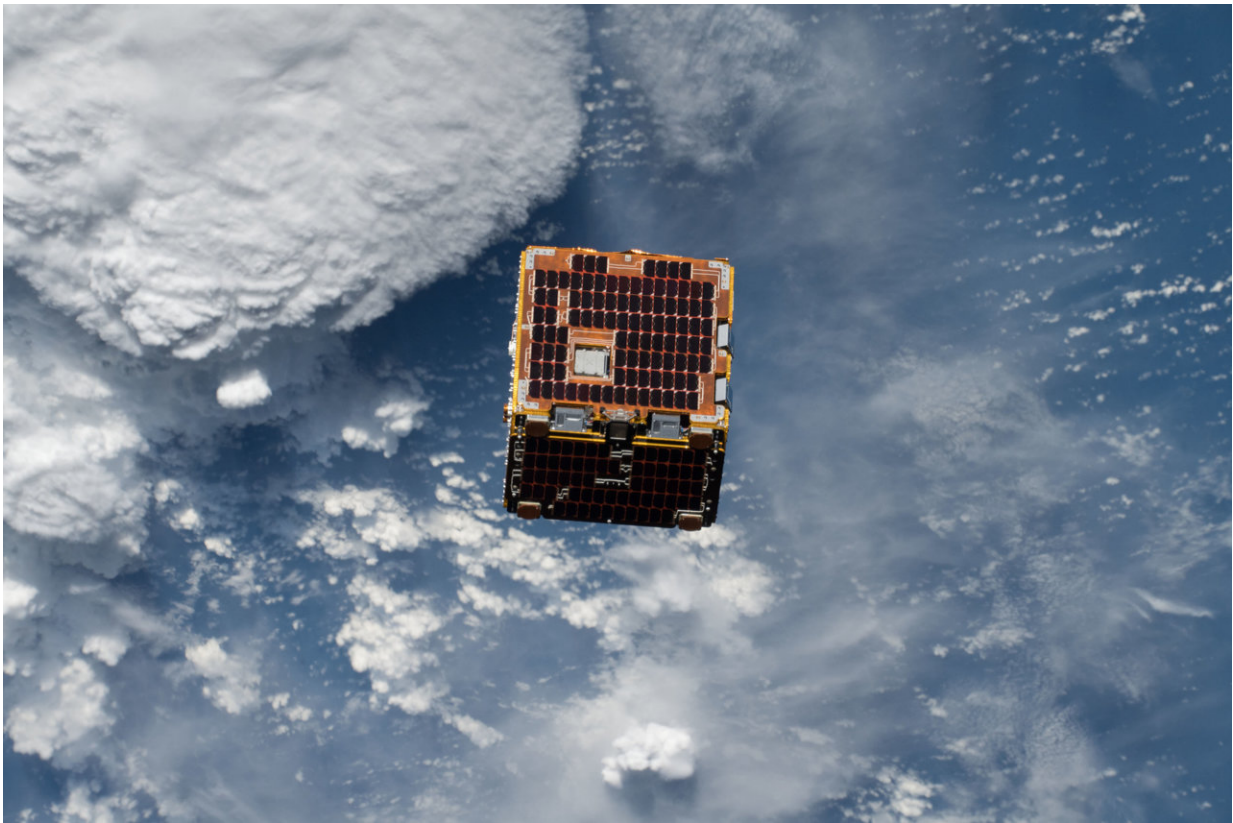


## Image: Small satellite demonstrates possible solution for 'space junk'

September 21 2018

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Credit: NASA

The International Space Station serves as humanity's orbital research platform, conducting a variety of experiments and research projects while in orbit around the planet.

On June 20, 2018, the [space station](#) deployed the NanoRacks-Remove Debris satellite into space from outside the Japanese Kibo laboratory module. This technology demonstration was designed to explore using a 3D camera to map the location and speed of [orbital debris](#) or "space junk."

The NanoRacks-Remove Debris satellite successfully deployed a net to capture a nanosatellite that simulates debris. Collisions in space could have have serious consequences to the space station and satellites, but research has shown that removing the largest debris significantly reduces the chance of collisions.

Provided by NASA

Citation: Image: Small satellite demonstrates possible solution for 'space junk' (2018, September 21) retrieved 20 April 2024 from <https://phys.org/news/2018-09-image-small-satellite-solution-space.html>

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