

## **ATLAS V and the OSIRIS-REx mission to Bennu**

Sonic artist Roland Emile Kuit

All sounds are composed from a NASA Atlas V rocket-sound recording.

The Atlas V family, which includes the flight-proven Atlas V 400 and 500 series, are the latest evolutionary versions of the Atlas launch system. Atlas V uses a standard common core booster™ (CCB), up to five strap-on solid rocket boosters (SRB), an upper-stage Centaur in either the Single-Engine Centaur (SEC) or the Dual-Engine Centaur (DEC) configuration, and one of several payload fairings (PLF). A three-digit (XYZ) naming convention is used for the Atlas V 400 and 500 series.

This recording is to celebrate one year NASA's mission OSIRIS-REx. The OSIRIS-REx was launched on 8 September 2016 with an ATLAS V rocket.

The OSIRIS-REx has been traveling for more than a billion kilometers through space to grab a sample of dust from the asteroid 101955 Bennu. NASA is hoping to find the origins of this universe in these molecules. The OSIRIS-REx will take the sample and send it to Earth in 2021. The chip containing art will stay on the probe. On this chip works of sonic art and sound research of the composer-sonologist Roland Emile Kuit. The OSIRIS-REx will stay in space as a time & art capsule.

This work is a journey and an homage to the rocket Atlas V.

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Rocket Engine Sounds:

Atlas V Launch OSIRIS-REx countdown.

Roland Emile Kuit - Kyma

Roland Emile Kuit is the first Dutch composer with sonic art in space 2016.

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