

## MicroASC instrument onboard Juno spacecraft utilizing inertially controlled imaging - DTU Orbit (08/11/2017)

### MicroASC instrument onboard Juno spacecraft utilizing inertially controlled imaging

This contribution describes the post-processing of the raw image data acquired by the microASC instrument during the Earth-fly-by of the Juno spacecraft. The images show a unique view of the Earth and Moon system as seen from afar. The procedure utilizes attitude measurements and inter-calibration of the Camera Head Units of the microASC system to trigger the image capturing. The triggering is synchronized with the inertial attitude and rotational phase of the sensor acquiring the images. This essentially works as inertially controlled imaging facilitating image acquisition from unexplored perspectives of moons, asteroids, icy rocks and planetary rings.

#### General information

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