

**A002-002**

**Room: 201A**

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## What has the lunar explorer "Kaguya" seen ?

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On September 14, 2007, Japan launched the lunar polar orbiter SELENE (Kaguya) as the first mission of the Japanese long-term lunar exploration program to acquire data for scientific knowledge and possible utilization of the Moon. SELENE finished its nominal mission in the last October 2008, and is currently executing an extended mission. In this presentation, we will introduce what kind of data have been acquired by SELENE. Particularly, we will show three-dimensional lunar topographic images and movies for the surface of the Moon, which have been produced from stereo-pair data acquired by the Terrain Camera aboard SELENE.