

Antarctic large area network observation of auroral phenomena using unmanned system: Conjugate auroral event studies (2)

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Conjugate auroral events observed at Syowa Station, Antarctica and observatories in Iceland on September 28 in 2017 are analyzed. During this period, auroral data obtained by the all-sky auroral imager of the Unmanned Auroral Observation system (UAO) at Amundsen Bay, which is located about 500 km eastward from Syowa Station, are also available. We will discuss development of the conjugate auroral activities in a broader longitudinal area than before.

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