

S001-10

B会場：11/25 PM1 (13:15-15:15)

14:55～15:10

## 南極域における大気重力波のスーパープレッシャー気球観測 (LODEWAVE: Long-Duration balloon Experiment of gravity WAVE over Antarctica)：第2回キャンペーン観測の報告

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### Preliminary results of LODEWAVE Phase II

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The second observation campaign of LODEWAVE (Long-Duration balloon Experiment of gravity WAVE over Antarctica) was conducted at Syowa Station, Antarctica from January to February 2024. Based on the results of the first observation campaign, in which the flight duration was less than 3 days, we improved the balloons and succeeded in releasing two new balloons, but the flight duration was less than 3 days in both cases. In this presentation, we will report the results of the preliminary analysis of the data obtained from this observation and our future plan.

南極域における大気重力波のスーパープレッシャー気球観測計画 (LODEWAVE: Long-Duration balloon Experiment of gravity WAVE over Antarctica) の第2回の集中観測を、2024年1月～2月に南極昭和基地において実施した。飛行期間が3日以下にとどまった第1回集中観測の結果をもとに、気球の改良を実施し、2機の新型気球を放球することに成功したが、飛行期間はいずれも3日以内にとどまった。本発表では、同観測で得られたデータの初期解析結果と、今後の方針・計画について報告する。