

**Y162-003**

**Room: 101B**

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## Three dimensional scanning observation of a slush avalanche at Mount Fuji

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In early winter to late spring, slush avalanches often occur due to a rise of atmospheric temperature and heavy rain on the slopes of Mount Fuji. On several occasions, these slush avalanches devastate towns, forest and farms on the slopes of Mt. Fuji. Furthermore, these avalanches occur more often than volcanic events on Mt. Fuji. Therefore, studies on slush avalanches have an important meaning in term of disaster mitigation. Avalanche studies based on the transportation analysis of volcanic sediments with the help of three-dimensional scanning surveys around Mt. Fuji are useful. This is a preliminary report for the study near the fourth and fifth steps on the northern slope of Mt. Fuji.