

**T229-021**

**Room: 201B**

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## Submarine landslides due to thrust activity at accretionary prisms: examples from analogue models and Boso/Nankai prisms

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Our analogue models suggest that submarine landslides can be caused due to steepening of the ocean floor by underlying fault activity. Such slides may be a common feature at accretionary prisms because of their intense deformations by many thrust faults formed during the accretionary process. This presentation explains a possible mechanism of submarine landslides and shows some examples from Boso outcrops and the Nankai Trough.