

# Japan Geoscience Union Meeting 2011

(May 22-27 2011 at Makuhari, Chiba, Japan)

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MIS028-P05

Room:Convention Hall

Time:May 25 14:00-16:30

## TL dating of marker tephra for 100 ka relevant to archeological chronology

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To determine the age of an archeological site accurately, tephra as key bed is one of the most important markers. It is effective to determine the age of tephra layer samples collected from the area close to the source vent of the tephra. The tephra sample near by the source vent, which is collected from a thick and less-altered layer, give us the most provable age of the tephra.

In this work, we try to determine the age of marker tephra using Thermoluminescence (TL) dating. We make a comparison between TL age and calibrated radiocarbon chronologies.

We think that the data set of numerical ages of marker tephra will constitute valuable contribution to the framework of the archeological chronology.

Keywords: marker tephra, TL dating, Archeological chronology, key bed