

**H124-008**

**Room: Ocean B**

**Time: May 29 11:00-11:15**

## **Geochemical and geohistorical investigation of groundwater from the Kofu basin and the foot of Mt. Fuji, central Japan**

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The behavior of trace element in natural water samples such as underground water, spring, river and lake water from the Kofu basin and the foot of Mt. Fuji, central Japan was geochemically investigated. We found distinct differences in some elements concentration in water samples between the foot of Mt. Fuji and Kofu basin. The difference was essentially explained by geological and geochemical characteristics in the areas examined. Thus, the information of trace elements were useful as a sensitive indicator to trace the migration of natural water and elucidate the origin of the water.