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SSS29-P13

Room:Convention Hall

Time:May 22 17:00-18:30

Characterization of carbonaceous materials in the Taiwan Chelungpu fault by microRaman spectroscopy

MAEKAWA, Yuka^{1*}, YABUTA, Hikaru¹, HIRONO, Tetsuro¹

Coseismic slip during an earthquake induces frictional heating in fault zone. Determination of the temperature recorded in the fault is important for estimating the dynamic shear stress and displacement during the earthquake. Here we performed raman spectroscopic analysis of carbonaceous materials from the Taiwan Chelungpu fault, and discuss the capability as new temperature proxy during the earthquake.

Keywords: carbonaceous materials, Raman spectroscopy

¹Department of Earth & Space Science, Osaka Univ.