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SSS014-P04

Room: Convention Hall

Time: May 27 17:15-18:45

## Characteristic Variation of Stress and Strain Observed near Active Fault Caused by Suruga Bay Earthquake

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Tono Research Institute of Earthquake Science(TRIES) installed a borehole strainmeter in a 20m depth borehole constructed in 200m depth tunnel belonging to JAEA. And continuous records have been accumulated. An earthquake with magnitude 6.5 occurred in Suruga bay area. The strainmeter recorded variations for the earthquake. An active fault called NNW fault is running near the observation site. The fault is NNW strike and right lateral. The analyzed result of observed stress indicate left lateral with the same NNW strike as the fault. We will present the detailed result and discuss relationships with water table.

Keywords: stress, strain