

**T224-P002**

**Room: Poster Session Hall**

**Time: May 15**

## **Pliocene and Quaternary paleostresses around the Beppu Bay, Kyushu, Japan**

# Atsushi Yamaji[1]; Takefumi Shibuya[2]

[1] Div. Earth Planet. Sci., Kyoto Univ.; [2] JAPEX

<http://www.kueps.kyoto-u.ac.jp/~yamaji/>

Stress tensor inversion methods have been developed and used in geology for determining stresses associated with tectonic deformations. The present paper presents an example for this kind of study. We collected fault-slip data from the Beppu Bay area, Kyushu, to investigate Pliocene-Quaternary tectonics at the junction of the SW Japan and Ryukyu Arcs. The preliminary result suggests that the transtensional tectonics involving the dextral motion of the Median Tectonic Line started in the Quaternary.