**Ai-P007** Room: Lounge Time: June 28 12:30-14:00

## Seismic activity along the Atotsugawa fault and its relation to tectonics

# Kiyoshi Ito[1], Hiroo Wada[2]

[1] Disas. prev. Res. Inst, Kyoto Univ., [2] Kamitakara Obs., Disas. Prev. Res. Inst., Kyoto Univ.

Microearthquake activity along the Atotsugawa fault is surveyed by installation of seven new seismic stations. Focal depths obtained from new data, show clear change in their cutoff depth of seismicity. The depth is about 17-18km and deepest below the creeping section. The depths decrease towards both ends of the fault to be aout 10km. Besides upper cutoff of seismicity varies similarly with the lower cutoff. Very few earthquakes occur in the upper crust down to 8-9km deep beneath the creeping portion of the fault. The heat flow values near the area are relatively hi The focal depths are deeper than the usual value estimated from the heat flow values.