Vb-P014

## Room: Poster

## Activity of Deep Low-frequency earthquakes beneath Sakurajima Volcano in 1998

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More than 78 deep low-frequency micro earthquakes were occurred beneath Sakurajima Volcano in 1998. The events show various characteristics in terms of amplitude of the onset, waveforms and predominant frequencies. In order to more accurate locations of these events we calculated hypocenters of the events with data derived from the micro seismic network on southern Kyushu region. Most epicenters of the events were located at western and southwestern flank of the volcano. Determined depths of the events were ranged from 22 through 30km. The largest event with magnitude 1.8 was observed on November 15, 1998. These hypocenters were located below aseismic area, which was delineated by previous research, deeper than 4km depth beneath active craters of the Volcano.