## Sk-P008

## Room: Poster

## S-wave reflectors beneath the fault planes of 1996 Onikobe earthquakes (M5.9, M5.7),

## northeastern Japan

# Shuichiro Hori [1], Norihito Umino [1], Tomomi Okada [1], Toshio Kono [2], Kouichi Nida [3], Ayako Nakamura [4], Youichi ASANO [1], Toru Matsuzawa [5], Akira Hasegawa [4], Masahiro Kosuga [6], Akiko Hasemi [7], Akihiko Ito [8]

[1] RCPEV, Tohoku Univ., [2] RCPEV, Graduate School of Sci., Tohoku Univ., [3] RCPEV Tohoku Univ, [4] RCPEV, Graduate School of Sci., Tohoku Univ., [5] RCPEVE, Tohoku Univ., [6] Faculty of Sci. & Tech., Hirosaki Univ., [7] Earth and Environ. Sci., Yamagata-Univ., [8] Utsunomiya Univ.

We have detected S-wave reflectors (bright spots) beneath the source region of 1996 M5.9 and M5.7 Onikobe earthquakes, northeastern Japan, and located them by using SxS-S travel times recorded at temporary seismic stations. Nearly-vertical reflectors shallower than about 4 km are located just beneath caldera rims of the Onikobe caldera. Slightly dipping reflectors are located just beneath the fault plane of the M5.9 reverse-fault type earthquake, and almost horizontal reflectors are located under the fault of the M5.7 strike-slip type event.