

**U054-006**

**Room: IC**

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## Structural styles based on LWD analysis at IODP Exp.314 at Nankai Accretionary Prism

# Yasuhiro Yamada[1]; Masataka Kinoshita[2]; Harold Tobin[3]; IODP Expedition 314 Scientists[4]

[1] Civ. Earth Res. Eng., Kyoto Univ.; [2] JAMSTEC; [3] New Mexico Tech; [4] -

<http://earth.kumst.kyoto-u.ac.jp/yamada/index.html>

The structural features observed in the Logging-While-Drilling (LWD) data of the IODP Expedition 314 at Nankai Trough, suggests the drilling intervals at accretionary prism regions can generally be divided into slope sediments, deformed hanging-wall and little deformed footwall. These three structural domains as well as fracture zones identified in the borehole resistivity images are well-correlated with seismic profiles. LWD thus can be used as a bridge to compare different scales of deformation architecture from core to seismic.