

**G228-002**

**Room: 201A**

**Time: May 18 9:15-9:30**

## **Geophysical prospecting conducted by the MH21 (Research Consortium for Methane Hydrate Resources in Japan)**

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MH21 (the Research Consortium for Methane Hydrate Resources in Japan) has executed geophysical prospecting around the eastern Nankai Trough for the purpose of the methane hydrate exploration.

2D and 3D Seismic reflection data were acquired in order to delineate the distributions of BSR which contributed to the planning of multi-well drilling campaign in FY2003-FY2004. At present, the integration of above well data and reprocessed 3D seismic data has been progressed to evaluate methane hydrate resource potential in the Nankai Trough area. The integration includes, for example, investigation of distribution of turbidite sand bodies which may keep good potential as reservoirs and velocity structures which can indicate methane hydrate accumulation. The latest results of above mentioned studies will be shown at the meeting.

Un-conventional geophysical methods were applied to investigate their efficiency in the exploration of methane hydrates. . Example of them and the efficiency will be introduced together with the studies.