S157-015 Room: 303 Time: May 18 14:15-14:30

Seismic Interferometric Tomography for the Estimation of toctonic Strucures (SITES)

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We developed the '<u>Seismic Interferometry Tomography</u> for the <u>Estimation of tectonic Structure</u>'; **SITES** method, which was improved technique of Seismic Interferometory (SI; ex. Chaput & Bostock, 2007 or Ohmi *et al.*, 2007) methods. The SITES methods is able to facilitate the visual estimation of underground structure by the single observation site's three components records.

In order to evaluate effectiveness of the SITES and SI methods, these methods were applied for the acceleration records of KASHIMO High-density Seismometers Network (Okubo *et al.*, 2006), which located near the Northern Atera fault system. the Northern Atera fault system is major active fault of Central Japan and its tectonic structure is well researched by Okubo *et al.*, 2003.

References:

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