

## Development of CHIKAKU System for Earth Simulator (Part 2): Construction of Tokai models by CHIKAKU modeling system

# Yoshio Oishi[1], Ryojiro Doi[2], Tatsuo Satoh[3], Takashi Kanai[4], Tomoshi Miyamura[5], Akitake Makinouchi[6], Takahiro Homma[7]

[1] Lynx Lyceum Inc., [2] Doi software development co. ltd., [3] System World Co., Ltd., [4] Keio Univ. SFC, [5] RIKEN, [6] MFL, RIKEN, [7] F-RIC

<http://www.riken.go.jp/lab-www/CHIKAKU/>

We have developed CHIKAKU system for constructing crust structure models in and around Japanese islands, to clarify the activity of crust and mantle in The Earth Simulator project. In this report, we explain the construction of solid models in the deep crust structure around Tokai regions.