

The 21 Century COE Project
Exploring New Science by Bridging Particle-Matter Hierarchy

Short-term Foreign Researchers
Research Report

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Host Researcher in Tohoku University:

A. Suzuki

Your Stay Period in Japan: From Jan 10 to Jan 18 2004

Title of Research in Japan: Installation of new High Voltage System
for KamLAND detector

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Please write a research report of one or more pages and submit it with this cover to your host researcher till the end of this March.

KamLAND Research Report. William Bugg. Jan10-18, 2004

During the week of Jan 10-18, 2004, a group of approximately 10 scientists and students from Tohoku, Berkeley, Tennessee, Cal Tech and TUNL installed a new high voltage system for KamLAND. The system was constructed by Universal Voltronics Corporation and delivered to KamLAND in December, 2003. The installation was rather labor intensive and required the recabling and relabeling of the configuration for 2000 PMT. The group worked 2 shifts/day and was able to complete the job during the one week period and prepared it for calibration of High Voltage conducted in the subsequent week. The installation proved quite successful with only a few minor problems remaining.