

HLS Installation at KEKB Main Ring after the Great East Japan Earthquake

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Thirteen Hydrostatic Leveling Sensors (HLS) were installed in the south arc section of the KEKB main ring after the Great East Japan Earthquake. The KEKB tunnel consists of four arc sections connected by four straight sections. It has been observed that the south arc is very sensitive to activities above ground, such as loading and unloading in the truck yard above the tunnel. The tunnel motion observed by the HLS will be reported.

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