

## **STATUS OF THE SUPERCONDUCTING ACCELERATING CAVITY FOR KEKB**

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### *Abstract*

The peak luminosity of KEBB is still growing up and has reached  $1.5 \times 10^{34} \text{ cm}^{-2}\text{s}^{-1}$  that is 150% of the design value. One of the most important contribution to this improvement is the beam intensity of HER, in which an electron beam of 1.3 A is stored in 1389 bunches. The RF system of eight superconducting damped cavities provides the voltage of 11 MV and the power of 2.4 MW to the beam. The status of this operation will be given as well as a recent development for a future upgrading plan.

**NO SUBMISSION RECIEVED**