

**HOM Absorbers of Superconducting Cavities for KEKB**, K. ASANO, T. FURUYA, S. MITSUNOBU, T. TAJIMA, T. TAKAHASHI, KEK; Y. ISHI, Y. KIJIMA, Mitsubishi Electric Co.; K. SENNYU, Mitsubishi Heavy Industries Co.; N. GAMO, S. IIDA, S. TACHIBANA, Kinzoku-Giken Co.; H. TAKASHINA, TDK Co. - Present status of the development of Higher Order Mode (HOM) absorbers for Superconducting Cavities (SCC) , to be tested for KEK B-factory (KEKB), will be presented. This absorber is made of ferrite and formed directly onto a copper pipe of 20 to 30 cm in diameter using Hot Isostatic Press (HIP) technique. So far, we have tested vacuum characteristics, power handling capability and interaction with beam. The results have not shown any limitation in using this absorber in high energy ring of KEKB. More practical beam tests, together with SCC, will be performed using a few hundred mA beams in the near future.