

**Training Study Using Superconducting Coils of the LHC Sextupole Corrector, M. BAJKO, A. IJSPEERT, J. PEREZ, CERN; J. CALERO, L. GARCIA-TABARES, CEDEX; F. TORAL, CIEMAT**  
- A study has been made to evaluate the effect of the azimuthal pre-compression and the longitudinal pre-tension on the training of superconducting coils. A testing device has been used that allows to test individual sextupole type coils in a cryostat at 4.2 K by exerting variable pre-stresses in situ. The paper describes the tests made with this device and discusses the results obtained for different prestress conditions and for different central island materials, in particular G-10 and stainless steel.