

**State of the Short Dipole Model Program for the LHC**, N. ANDREEV, K. ARTOOS, T. KURTYKA, L. OBERLI, D. PERINI, S. RUSSENSCHUCK, N. SIEGEL, A. SIEMKO, T. TOMMASINI, I. VANENKOV, L. WALCKIERS, CERN - Superconducting single and twin aperture 1 m long dipole magnets are currently being fabricated and tested at CERN at a rate of about one per month in the framework of the short dipole model program for the LHC. The program allows to study performance improvements coming from refinements of design, components and assembly options and to accumulate statistics based on a small scale production. The experience thus gained provides in turn feedback into the long magnet program in industry. In recent models initial quenching fields above 9 T have been obtained and after a short training the conductor limit at 2 K is reached, resulting in central bore fields exceeding 10 T. The paper describes the features of recent single and twin aperture models, the results which have been obtained during cold tests and the plans to ensure the continuation of a vigorous model program providing input for the fabrication of the main LHC dipoles.