

**FRINGE-FIELD EFFECTS IN SIMULATIONS OF NON-SCALING FFAGS**

D.T. Abell, G.I. Bell, Tech-X, Boulder, Colorado;  
E. Forest, KEK, Ibaraki;  
A.G. Ruggiero, D. Trbojevic, BNL, Upton, Long Island, New York

*Abstract*

Recent simulations of non-scaling FFAGs suggest that the effects of magnet fringe fields are of signal importance. We present PTC\* simulations that include realistic models for the fringes. In particular, we study how fringe extent and other parameters affect important measures of machine performance.

**CONTRIBUTION NOT  
RECEIVED**