

29th ICFA Advanced Beam Dynamics Workshop on **BEAM-HALO DYNAMICS, DIAGNOSTICS, & COLLIMATION**



May 19 - 23, 2003 Montauk, Long Island, USA

* in conjunction with 3rd Workshop on Beam-Beam Interactions

The workshop consists of working groups on halo dynamics (space charge, magnetic nonlinearities, resonance excitation, beam-beam, intra-beam scattering, instabilities and electron cloud, noise and diffusion processes, analytical and simulation techniques), halo diagnostics (diagnostics requirements, instrumentation design and performance, machine protection, experimental machine studies), and halo collimation (lattice design, betatron and momentum collimation design, scraper and collimator design, material tests, machine tests).



Sponsored by Brookhaven National Laboratory,
Spallation Neutron Source Project,
Brookhaven Science Association,
US Department of Energy,
ICFA Panel on Beam Dynamics

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