

The Beams and Applications Seminar Series

A Very Low Emittance Damping Ring for the International Linear Collider

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Bldg. 401, rm A1100

Thursday, May 25, 11:00am

Host: M. Borland, ASD

Following the decision to adopt superconducting technology for the International Linear Collider (ILC), research toward building the collider has moved into high gear. Damping rings are a major part of the ILC, with some very special requirements compared to currently existing storage rings. This talk will cover the challenges for the ILC damping ring, the strategy that has been applied in performing the design, and some simulation results

For more information visit

<http://www.aps.anl.gov/asd/physics/Seminars.html>

Visitors from off-site please contact Chun-xi Wang (wangcx@aps.anl.gov, 630-252-4968) to arrange for a gate pass.

This ANL seminar series is a CARA activity and focuses on the physics, technology and applications of particle and photon beams. It is sponsored jointly by the ASD Division, the AWA group of the HEP Division, and the ATLAS group of the PHY Division.