

The Beams and Applications Seminar Series

Reliability and Availability Studies for the Large Linear Collider

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SLAC

Bldg. 401, room B2100
Friday, May 28, 1:30 pm
Host: P. Ostroumov, PHY

The proposed construction of a large linear collider that would be larger and more complex than any accelerator ever built raises the question of reliability. Can it be made reliable enough to have adequate uptime? Which variants of the accelerator design will have higher availability? How much do the MTBFs of various components need to be improved? A simulation was written to answer these questions. This simulation will be described in detail along with its results for proposed linear collider designs. This availability simulation may be applied to other new accelerator designs also.

For more information visit

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

Visitors from off-site please contact Yuelin Li
(ylli@aps.anl.gov, 630-252-7863) 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.