

Advances in Self-Consistent Beam Modeling

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Bldg. 401, rm B2100

Monday, March 13, 3pm

Host: Yong-Chul Chae, ASD

This will be a brief review of beam modeling in electromagnetic structures. The basics of developing a self-consistent computational model, in which the fields generated by the beam act back on the beam. Recent advances in accurate modeling of boundaries, implicit EM methods will be discussed, and parallel computations will be discussed.

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.