

Argonne efforts toward two-beam accelerations – a pathway toward future colliders

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Bldg. 401, Room B2100
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Host: Marion White, ASD

In this presentation I will describe the recent R&D activities at the Argonne Wakefield Accelerator (AWA) with a particular emphasis on two-beam acceleration for future HEP machines. Using new DOE funding, the AWA is upgrading its drive beam energy from 15 MeV to 75 MeV and installing a new high-QE, CsTe, RF photocathode. A detailed description of the facility upgrade and future experiments will be discussed.

For more information visit

http://aps.anl.gov/News/Meetings/Beams_and_Applications_Seminars/

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(mnolasco@aps.anl.gov, 630-252-6159) to arrange for a gate pass.