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Illinois Accelerator Research Center

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The Illinois Accelerator Research Center (IARC) hosts a new accelerator development program at Fermi National Accelerator Laboratory. IARC provides access to Fermi's state-of-the-art facilities and technologies for research, development and industrialization of particle accelerator technology. In addition to facilitating access to available existing Fermi infrastructure, the IARC Campus has a dedicated 36,000 sqft heavy assembly building (HAB) with all the infrastructure needed to develop, commission and operate new accelerators. Accelerator infrastructure available for use in collaborative efforts will be detailed. Connected to the HAB is a 47,000 sqft Office, Technology and Engineering (OTE) building, paid for by the state, that has office, meeting, and light technical space. The OTE building contains the Accelerator Physics Center, and with nearby Accelerator and Technical divisions, provides IARC collaborators with unique access to world class expertise in a wide array of accelerator technologies. IARC scientists and engineers from Fermilab and academia work side by side with industrial partners to develop breakthroughs in accelerator science and translate them into applications for the nation's health, wealth and security. Some of the current collaborative efforts will be detailed.

Country/Organization invited to participate

United States of America

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