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Improve the injection with high energy for CAMD light source

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With Insertion devices adapted to Center of Advanced Microstructures and Devices (CAMD) light source. Injection has more difficulties at low energy. We have proposed some upgrade to the facility, but we would like to look for other choices. In the paper, we will mention the CAMD operation status, discuss raising electron energy method for injection, and simulate the transfer line. The practical upgrade will be proposed. The injection lattice at high electron energy will be available. The kicker parameter will be given.

Footnotes

Funding Agency

The state of Louisiana

Paper preparation format

Region represented

North America

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