

Superconducting short period undulators

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Short period/high field undulators allow to reach the same photon energy as conventional ones by lower electron beam energies, and they therefore contribute to make accelerator based light sources more compact. Different efforts have been made in the past decades to reduce the period of the undulators while keeping a high magnetic field on axis B.

We report here on such efforts focusing on superconducting undulators.

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