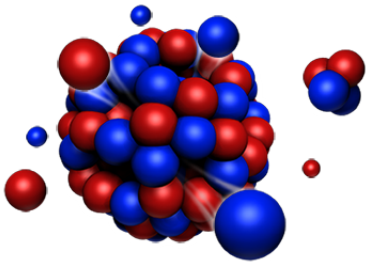

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Conventional ring designs for ISIS II

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The ISIS upgrade project is tasks with delivering a 1.25 MW, 1.2 GeV proton beam at 50 Hz shared between two target stations. Accelerator studies include conventional rapid cycling synchrotrons (RCS), accumulator rings and FFA's. This paper reviews the current status of the conventional RCS and Accumulator rings and includes lattice designs and injection studies for both H- and direct proton injection.

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