Abstract Submitted
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Prospects For Magnetic Indirect Drive Inertial Confinement Fusion[1] STEVEN BATHA, SEAN FINNEGAN, KEVIN YATES, RICHARD OLSON, RAMON LEEPER, Los Alamos National Laboratory, GREGORY ROCHAU, DANIEL SINARS, Snadia National Laboratories — Experimental, theoretical, simulation, and technological advances over the past 20 years are motivating a reassessment of the Magnetic Indirect Drive (MID) approach to Inertial Confinement Fusion. We outline the main physics concerns of the MID approach. These include symmetry control, minimum case-to-capsule ratio, radiation coupling into the hohlraum, and pulse-shaping of the radiation drive. A discussion of possible experiments and simulation studies is presented.

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