

Abstract Submitted
for the DPP06 Meeting of
The American Physical Society

The effect of ion motion in an adiabatic plasma ion- focusing channel.¹ ENRIQUE HENESTROZA, ANDREW M. SESSLER, SIMON S. YU, LBNL — We study numerically the effect of ion motion in an adiabatic plasma ion-focusing channel, motivated by a recent suggestion that ion motion in an adiabatic focuser might be significant and even preclude operation of the focuser as previously envisioned. It is shown that despite ion motion the adiabatic focuser should work as well as originally envisioned.

¹Work supported by the U.S. Department of Energy, Office of Basic Energy Sciences, under Contract No. DE-AC02-05CH11231.

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Date submitted: 25 Jul 2006

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