

Abstract Submitted  
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**Three-Body Recombination of Ultracold Atoms Treated Classically**<sup>1</sup> STEVE RAGOLE, CHRIS GREENE, University of Colorado, Boulder  
— Three-body recombination is an important loss process in quantum gases. A six-dimensional classical simulation of the process has been formulated and implemented numerically, and Newtonian results for the generalized recombination cross-section have been calculated. Preliminary comparisons to quantum mechanical results will be discussed at the meeting, and animations of the recombination trajectories will be presented and interpreted.

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