

Abstract Submitted
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A new conservative multispecies BGK model JEFF HAACK, MICHAEL MURILLO, Los Alamos National Laboratory, CORY HAUCK, Oak Ridge National Laboratory — In this talk, I will present joint work with C. Hauck (ORNL) and M. Murillo (LANL) on a new multi-species BGK model for dense plasmas. This model conserves mass, momentum, and kinetic energy and allows for a more clear connection to the underlying cross sections and inter-species collision rates.

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