**Recent progress in the computational ultracold three-body problem**[1] W. BLAKE LAING, YUJUN WANG, B.D. ESRY, Department of Physics, Kansas State University — We have worked to improve the numerical solution of the three-body Schrödinger equation for ultracold collisions. In particular, we have evaluated possible improvements in the representation of the wavefunction, more efficient algorithms, and the use of hardware acceleration with graphical processing units (GPUs). We will report our progress on all fronts — both positive and negative.

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