

AAA Test Topic page

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- [Jain Lab Media](#)

Media resources from the lab of Prashant Jain

- [DNA Visualization](#)

These DNA molecular visualizations were created for the multifaceted 'DNA' project, celebrating the 50th anniversary in 2003 of the discovery of the double helix.

- [Stretching and moving DNA with Heat](#)

A paper of ACS Nano describing the controlled motion of DNA with heat

- [Recent Breakthrough Science](#)

A service of the American Chemical Society describing recent breakthroughs related to chemical sciences

- [Introduction to Molecular Workbench Software](#)

These DNA molecular visualizations were created for the multifaceted 'DNA' project, celebrating the 50th anniversary in 2003 of the discovery of the double helix.

- [Multiscale code for Hybrid Simulations](#)

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A description of This work describes one implementation of multi-scale computations using the Atomistic Simulation Environment (ASE). This implementation can mix classical codes like LAMMPS and the Density Functional Theory-based GPAW.

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- [Scalable Parallel LAMMPS Simulations](#)

This paper discusses recent efforts to implement the MS-EVB model in the scalable LAMMPS MD code, and to further improve parallel scaling by implementing MP parallelization algorithms in LAMMPS.