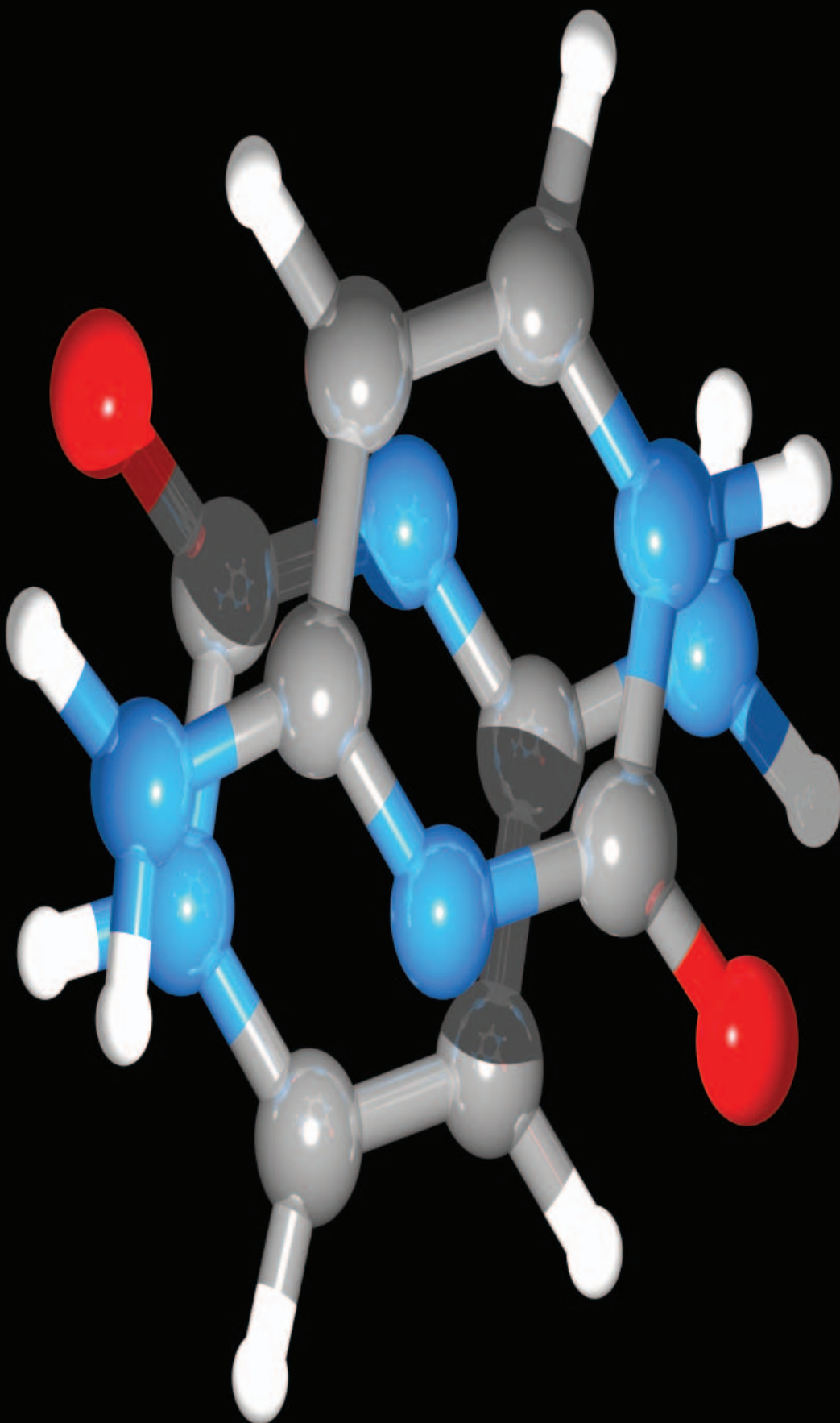


## MADNESS

Featured in an upcoming issue of the *SciDAC Review*, Multiresolution ADaptive NumErical Scientific Simulation (MADNESS) is a promising framework for scientific simulation. Shown here, a molecular dimer at a representative geometry, simulating the interaction of two cytosine bases within a larger DNA molecule, was generated by researchers in Japan using MADNESS.



STUDY: H. SAKINO, TOYOHASHI, JAPAN. IMAGE: W. B. CAREN, UNIVERSITY OF TENNESSEE-KNOXVILLE