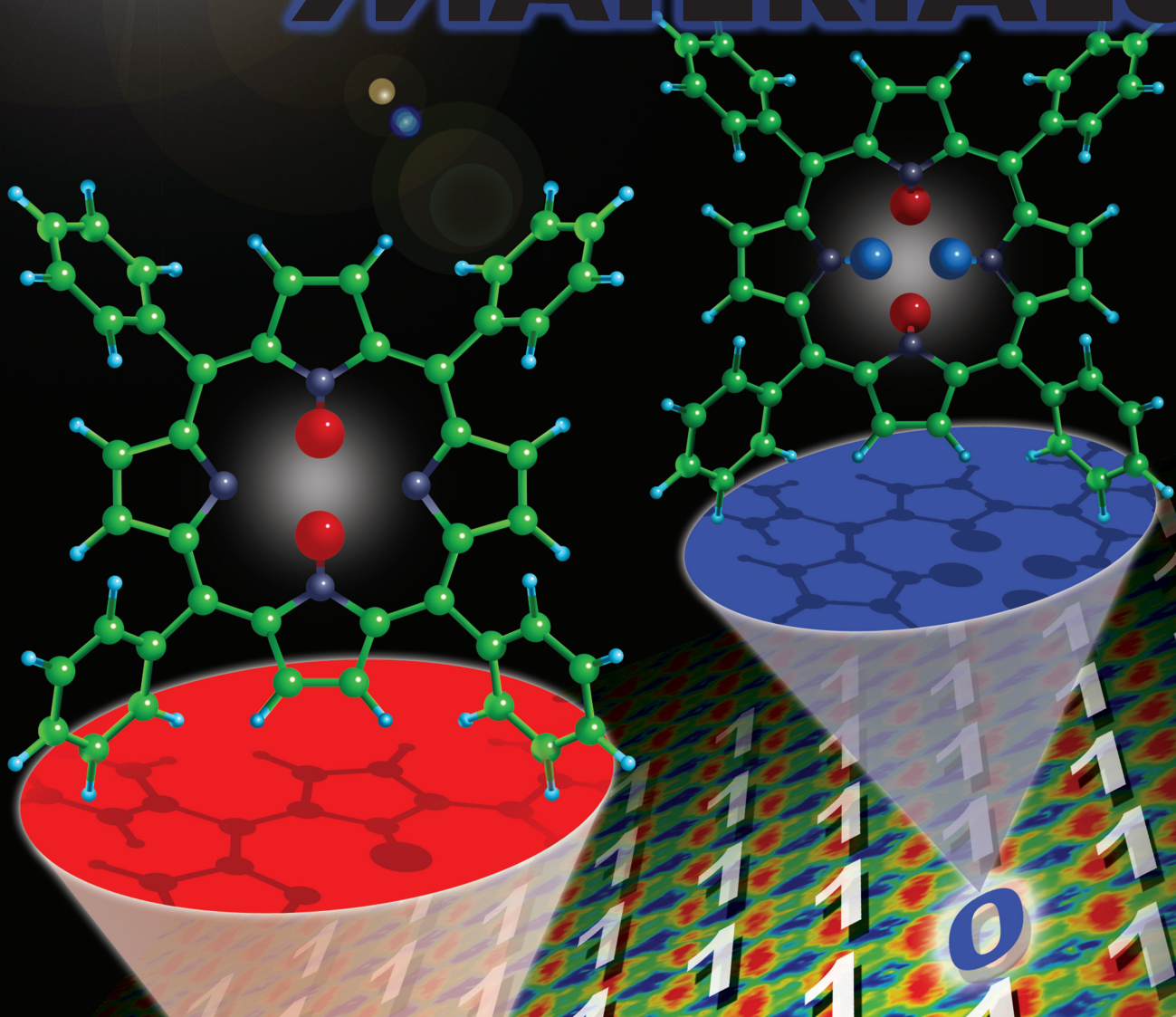


ADVANCED FUNCTIONAL MATERIALS



ORGANIC ELECTRONICS

In an ordered porphyrin molecular array, the tautomerism reaction is frozen at room temperature. In particular, G. Bussetti et al. use the H-H tautomer alignment as a logic device (1/0 states) on page 958 by perturbing the inner cavity of the molecule. The state flip is readable by an optical probe.