

## A nanorobot ...

... is able to perform autonomous locomotion and control the initiation, termination, and velocity by light. In their Communication on page 2457 ff., X. Zhang, W. Tan, and co-workers report the design of a DNA walking device by incorporating photosensitive moieties within DNA enzyme analogue structures. Based on the phenomenon of pyrene-assisted photolysis of disulfide bonds, this nanorobot shows the operational freedom and mechanical speed reminiscent of protein motors.

