



### “Lighting a Match With a BB”

**Brian Yen, NCSSM '94**

A BB, seen as a blur on the left, grazed the tip of this match. The BB's blurred image was captured by the burst of a flash unit less than a millisecond (0.001 s) after the BB's encounter with the match. The match burst into flame about 10 milliseconds later, long after the BB had passed. The flame and the BB appear in the same photo, because the camera shutter remained open as the events proceeded.