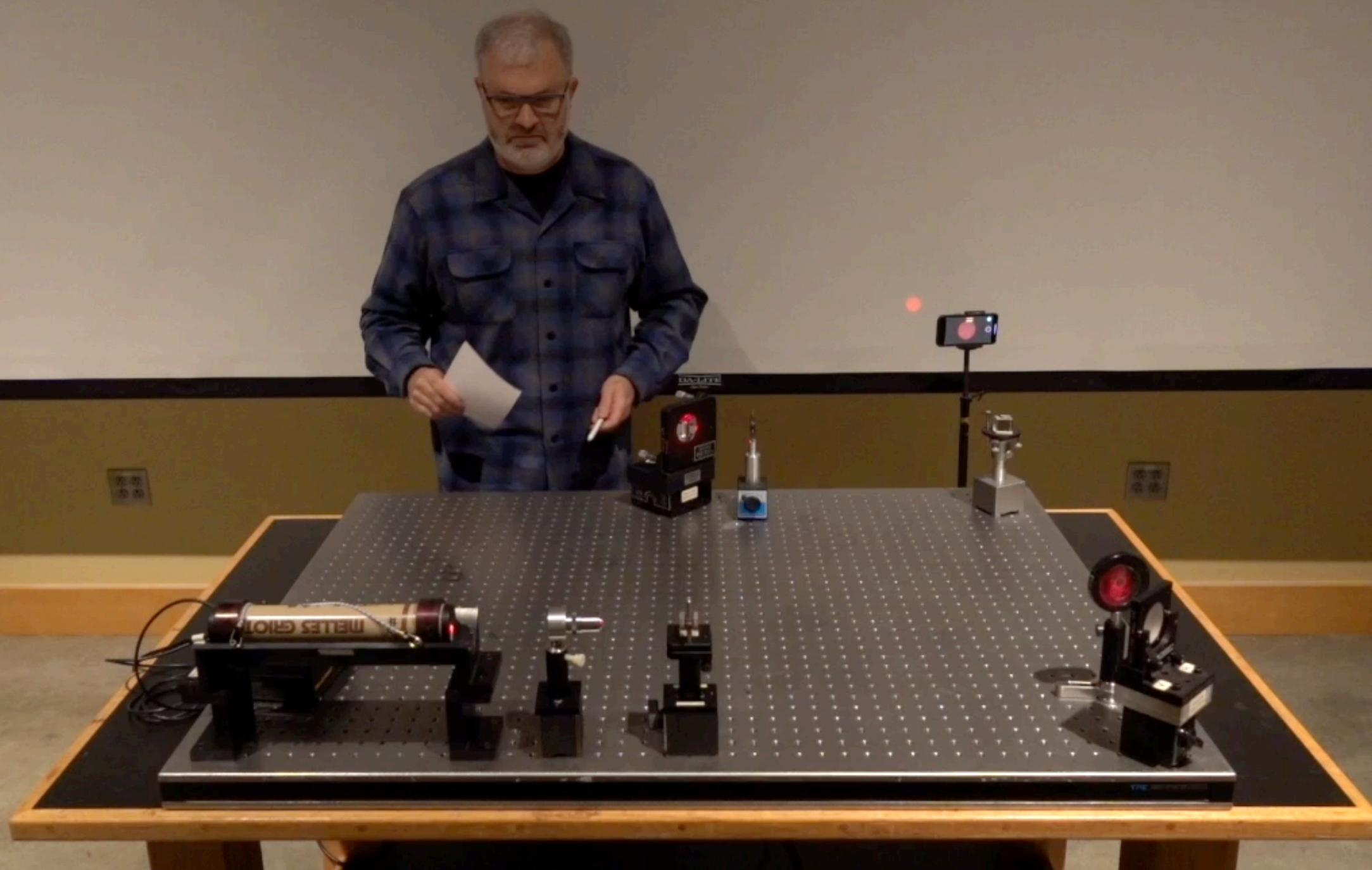
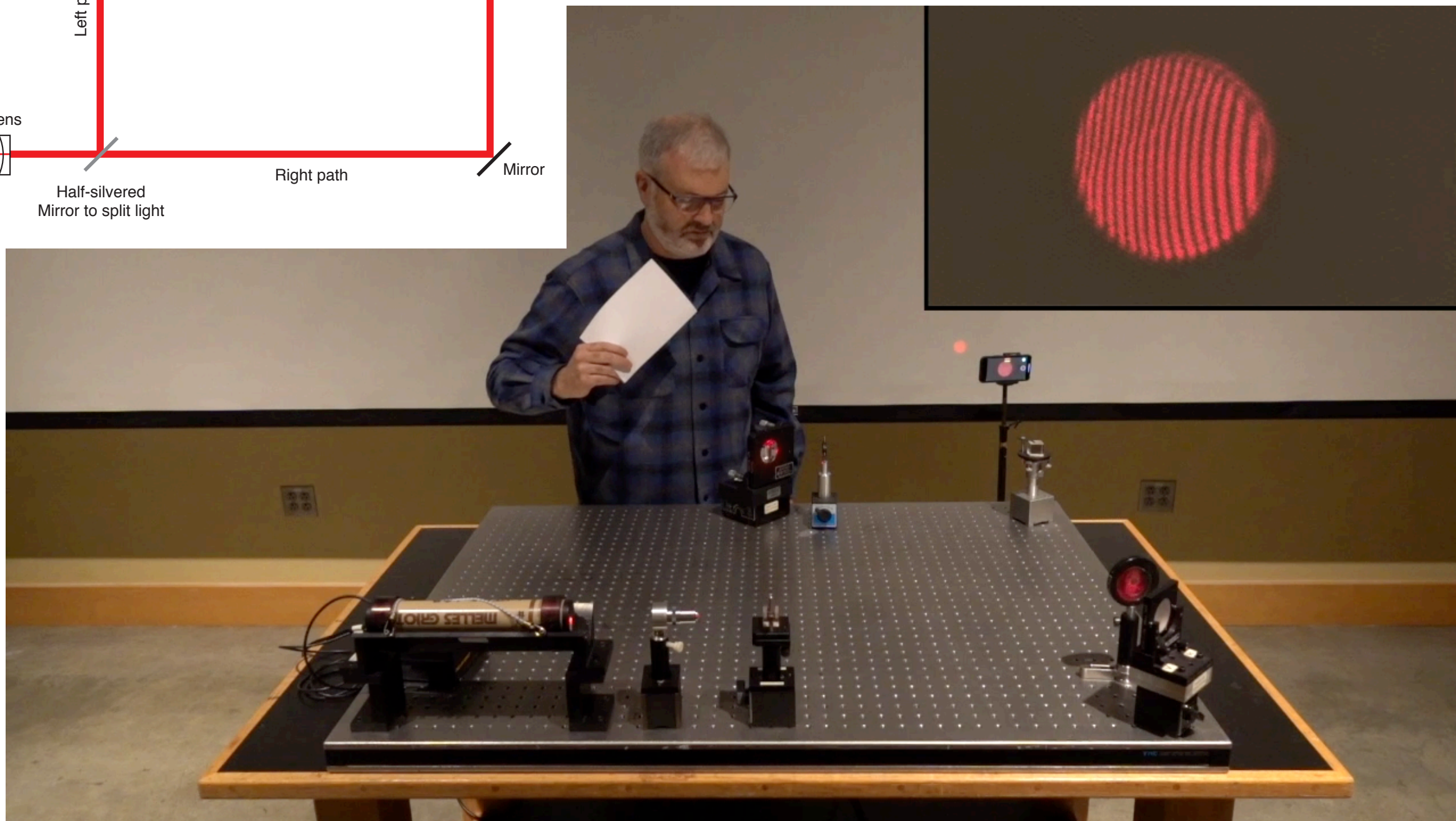
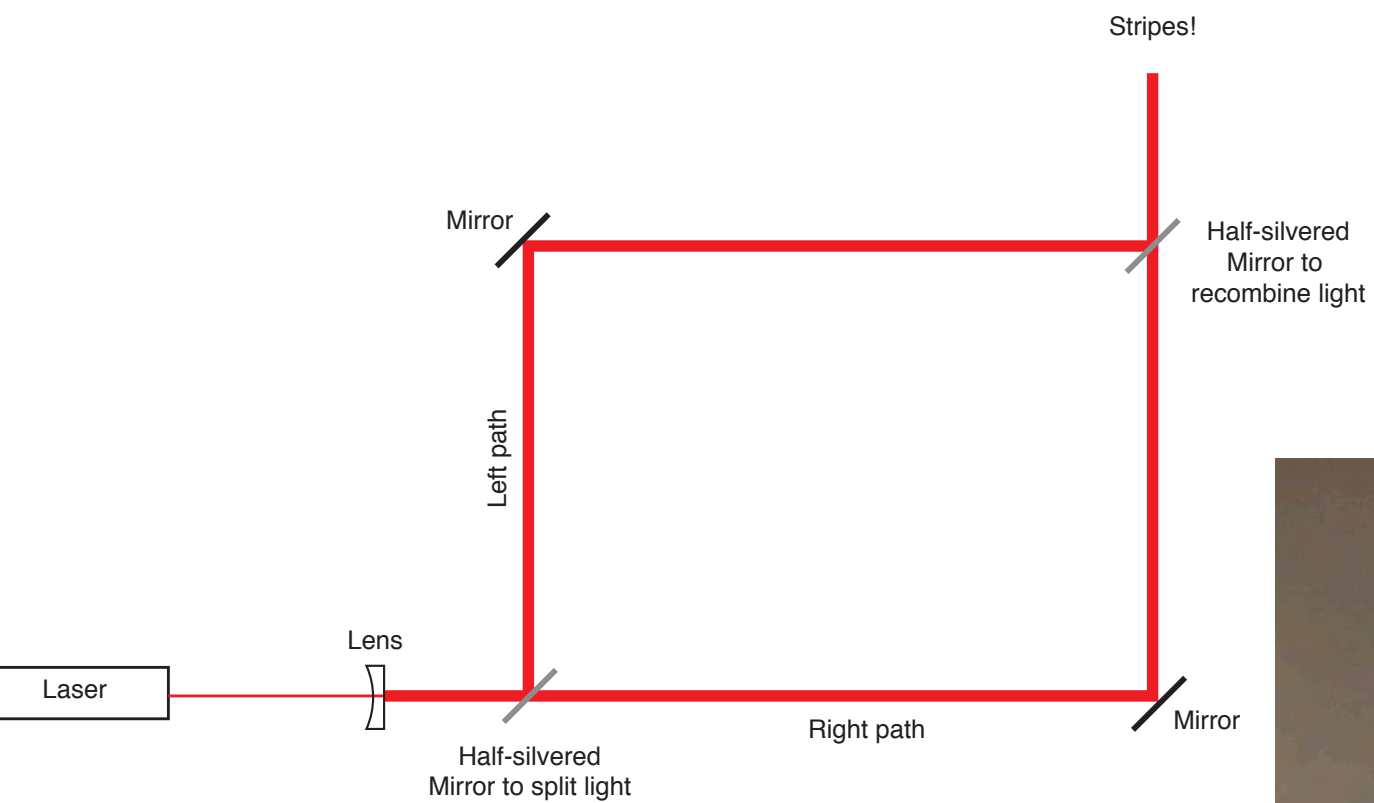


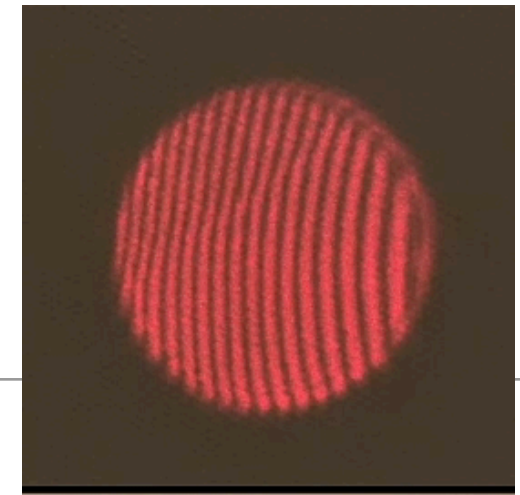
Particle Melting Pot



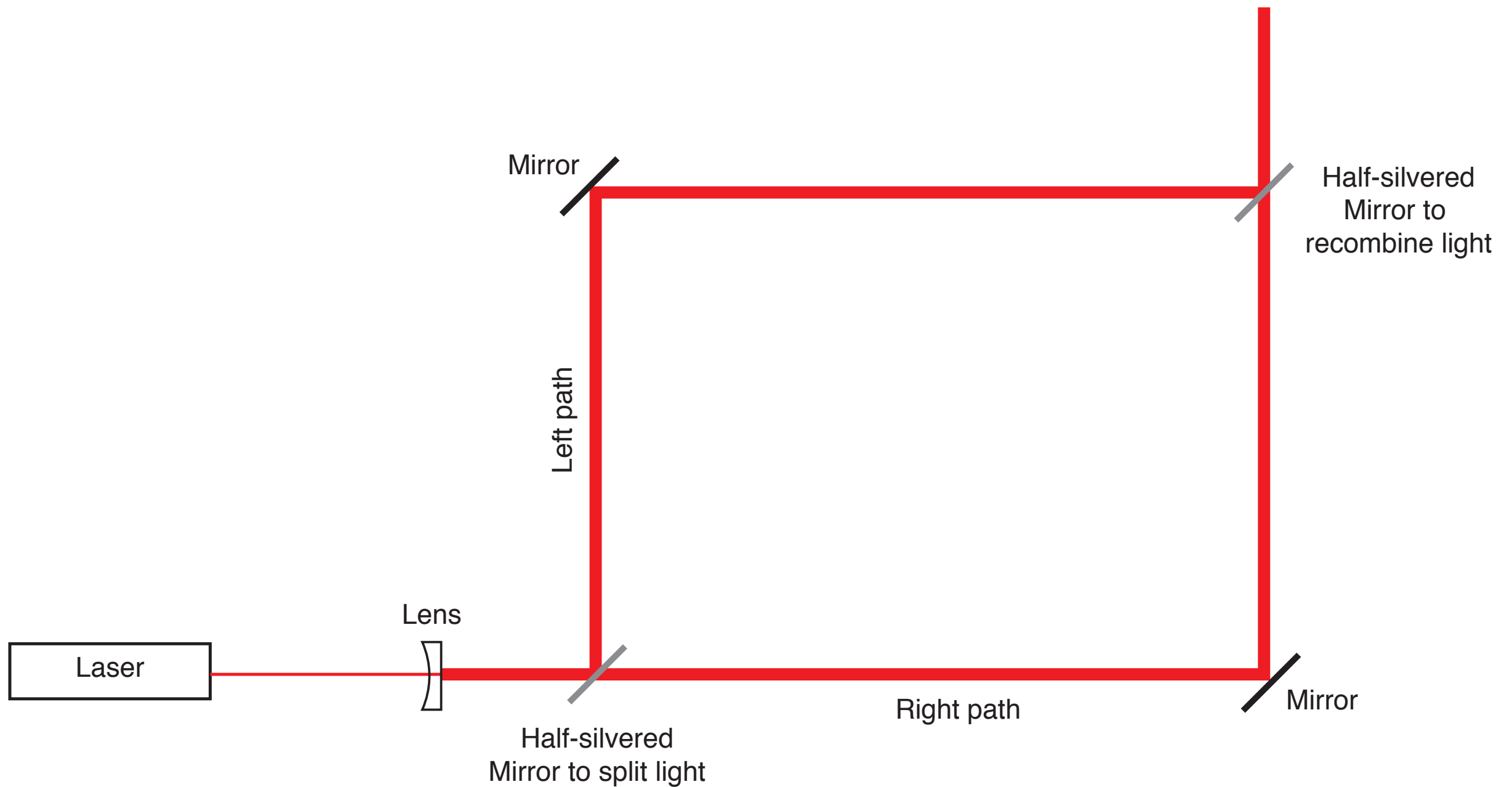
Bigger



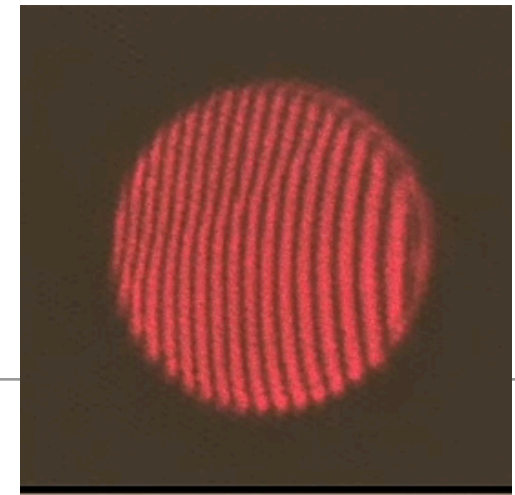
One particle mixing



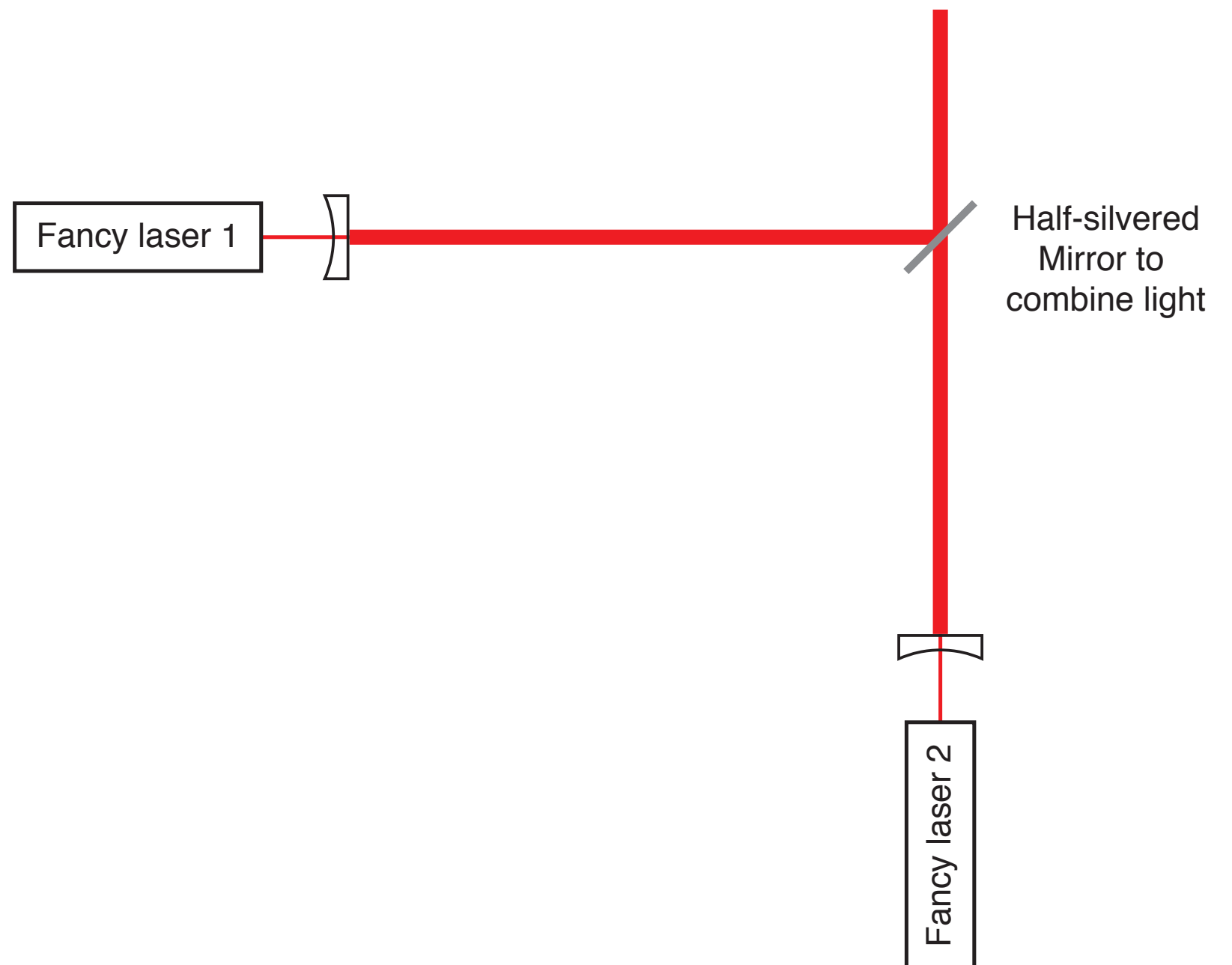
Stripes!



Two particles?

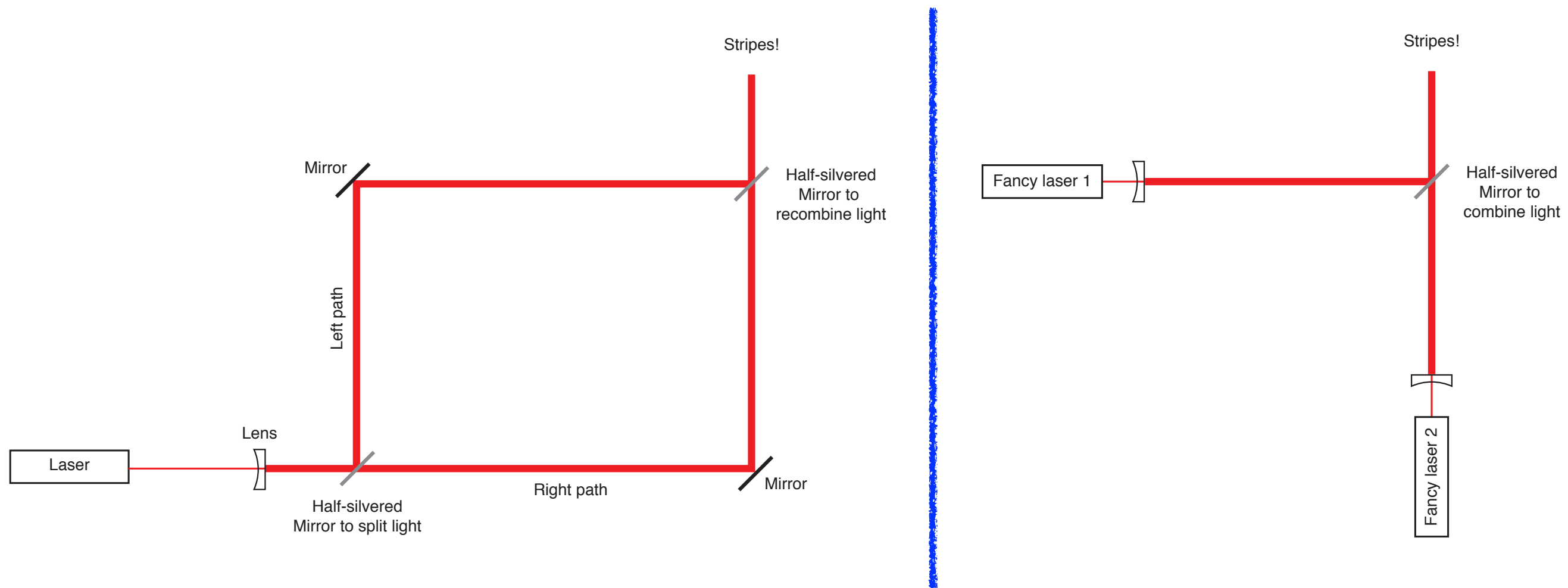
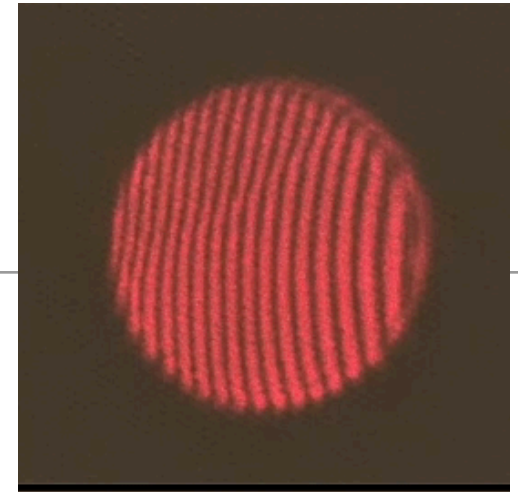


Stripes!



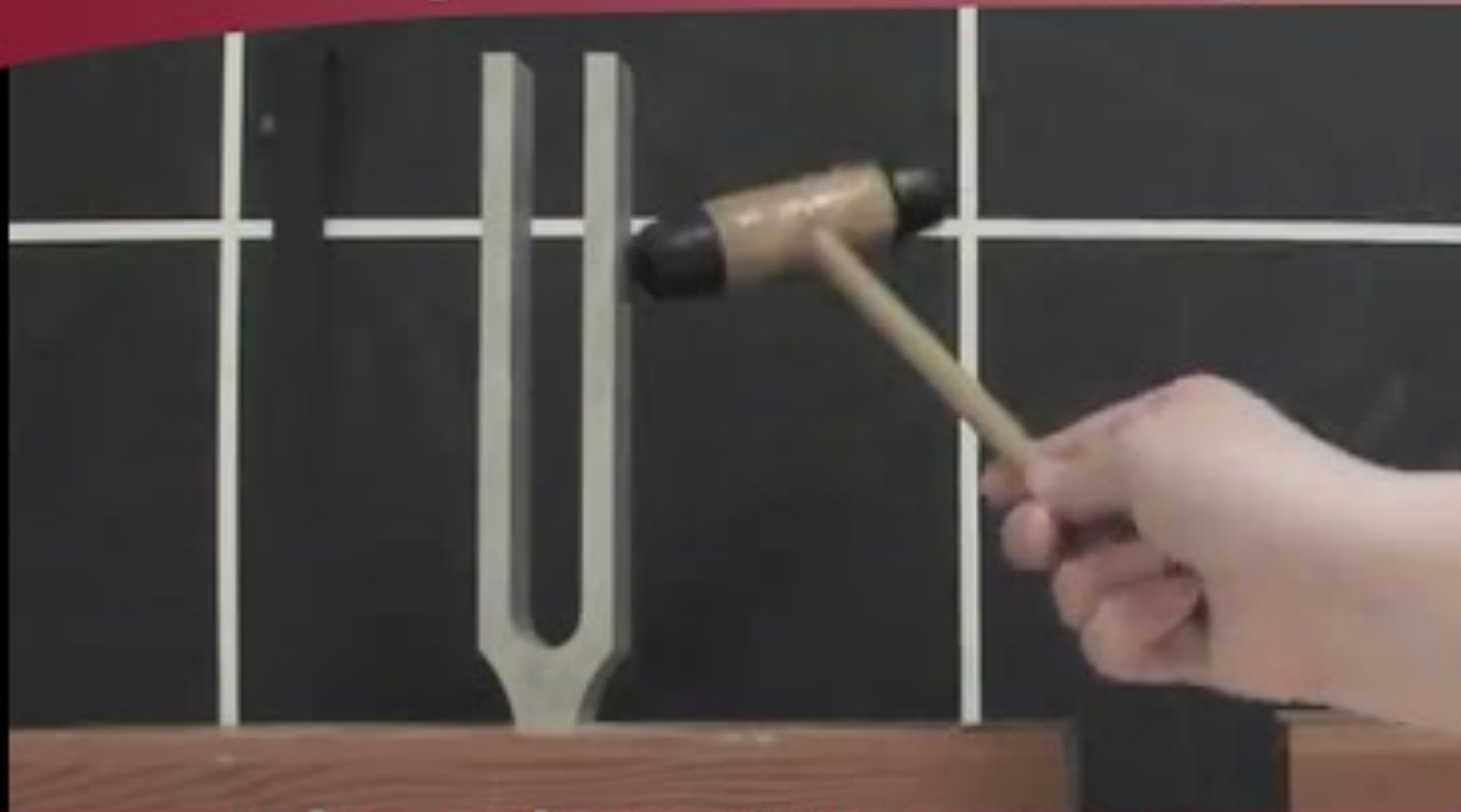
Two particle interference

- Exactly the same as before
- Nature does not care if it is one laser or two, a wave is a wave and all particles move like waves



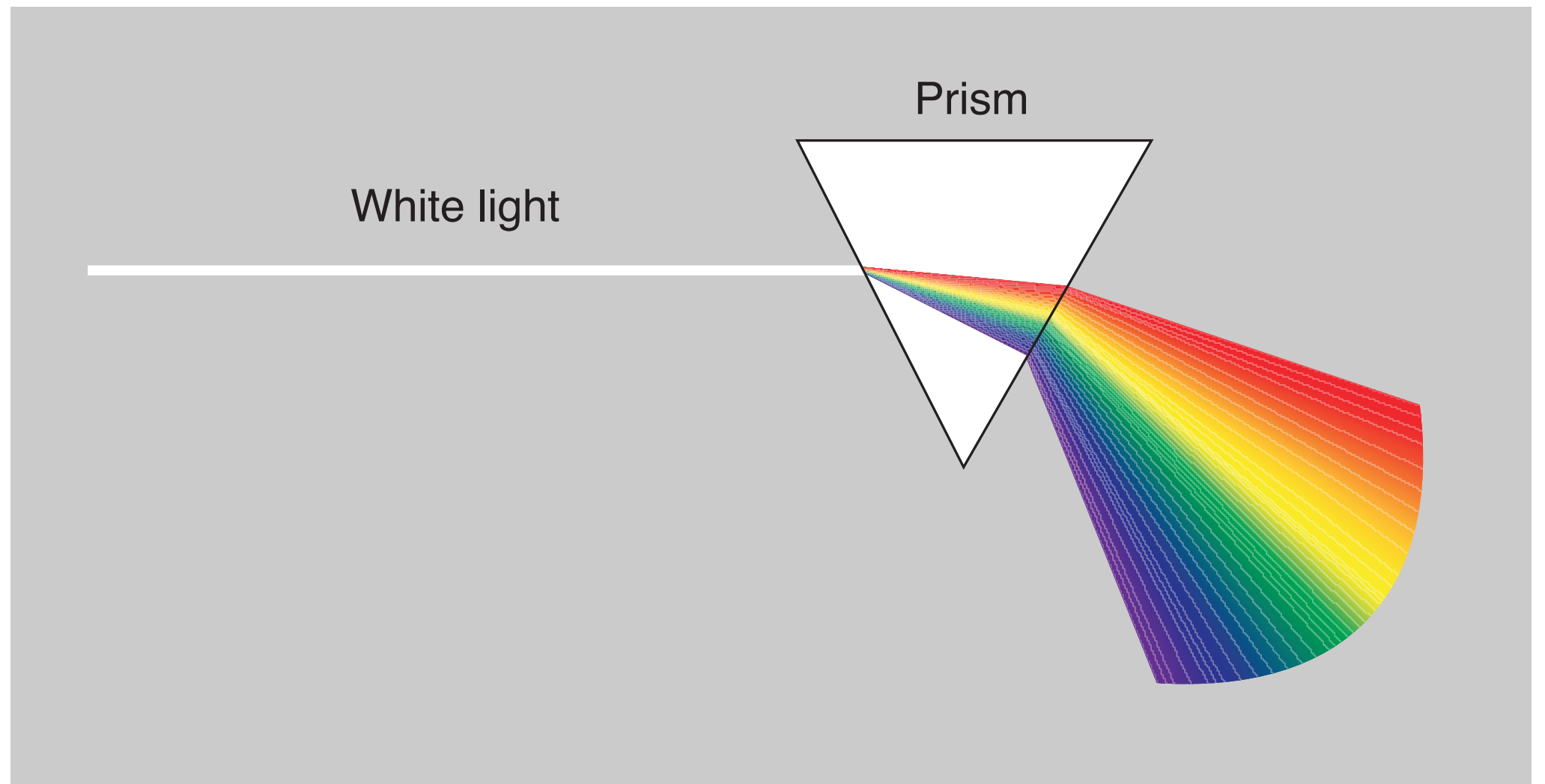
Two colors?

Saint Mary's University

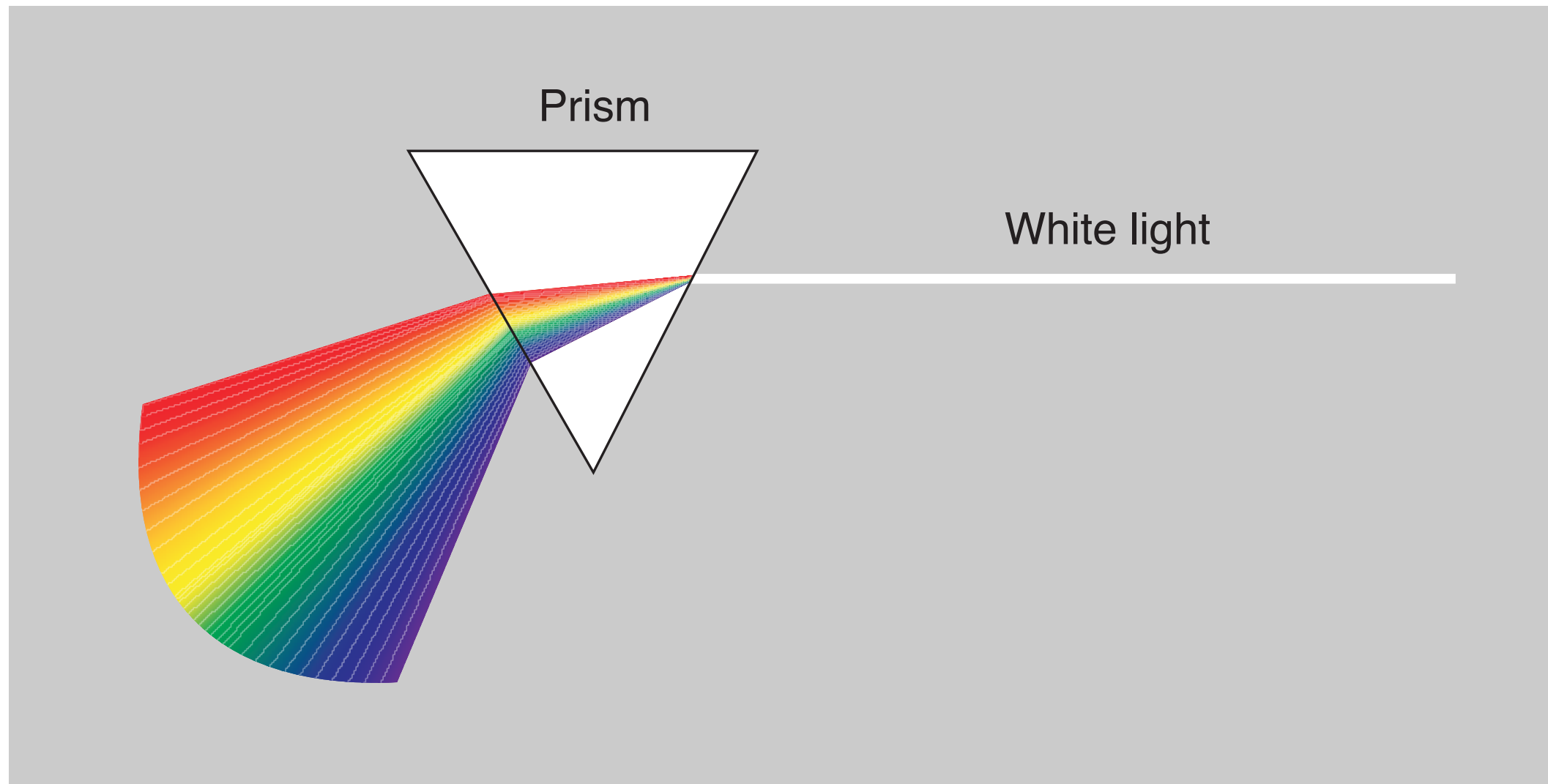


Physics Demos

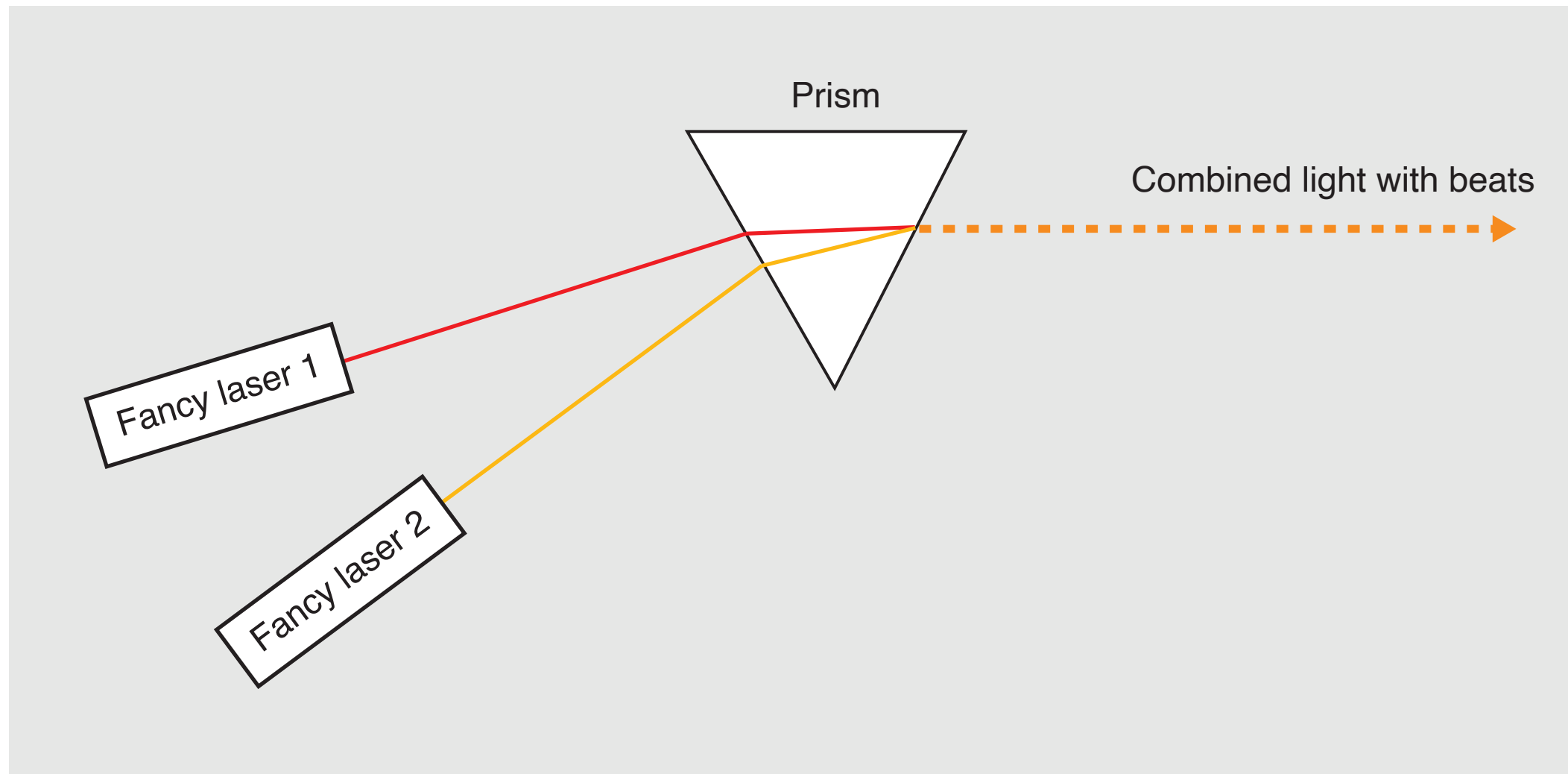
White light through a prism



Colored light to white light

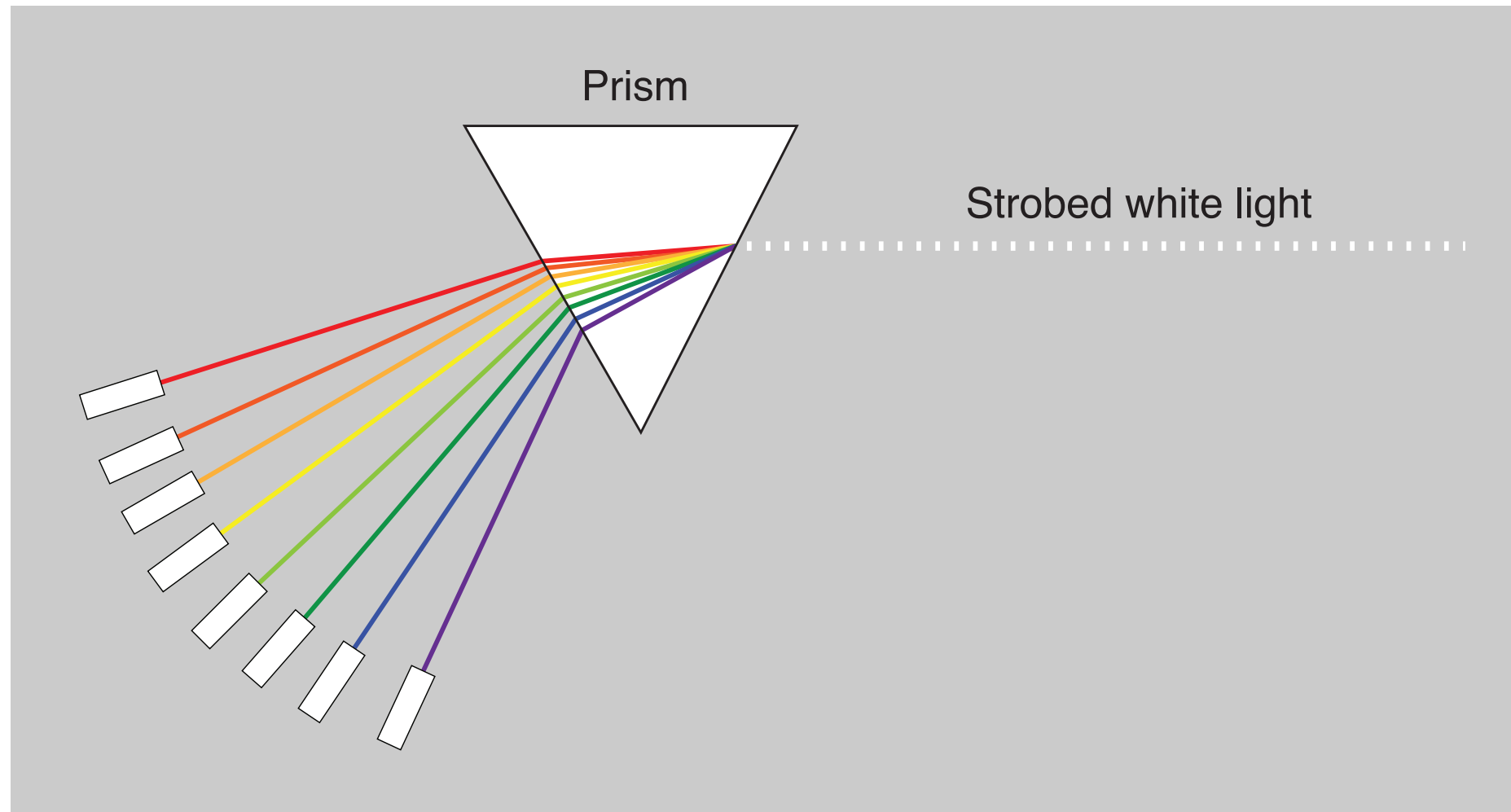


Two lasers

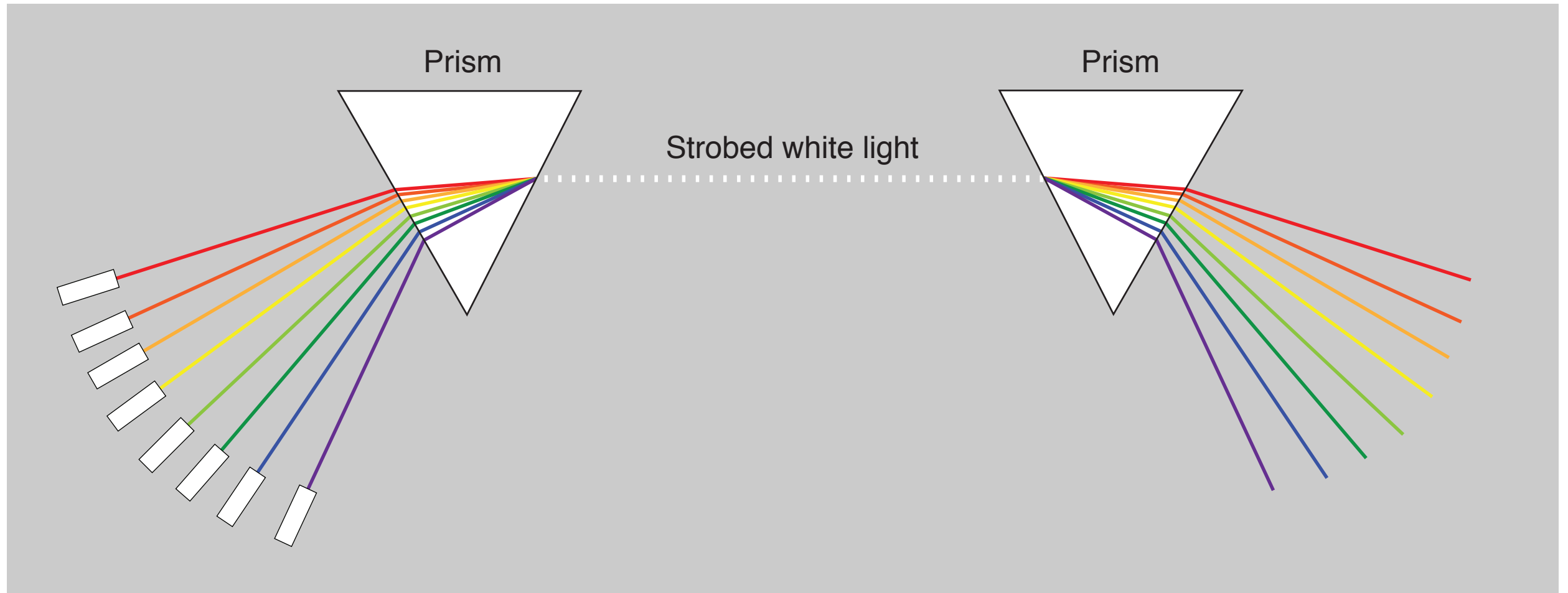


Stripes in time

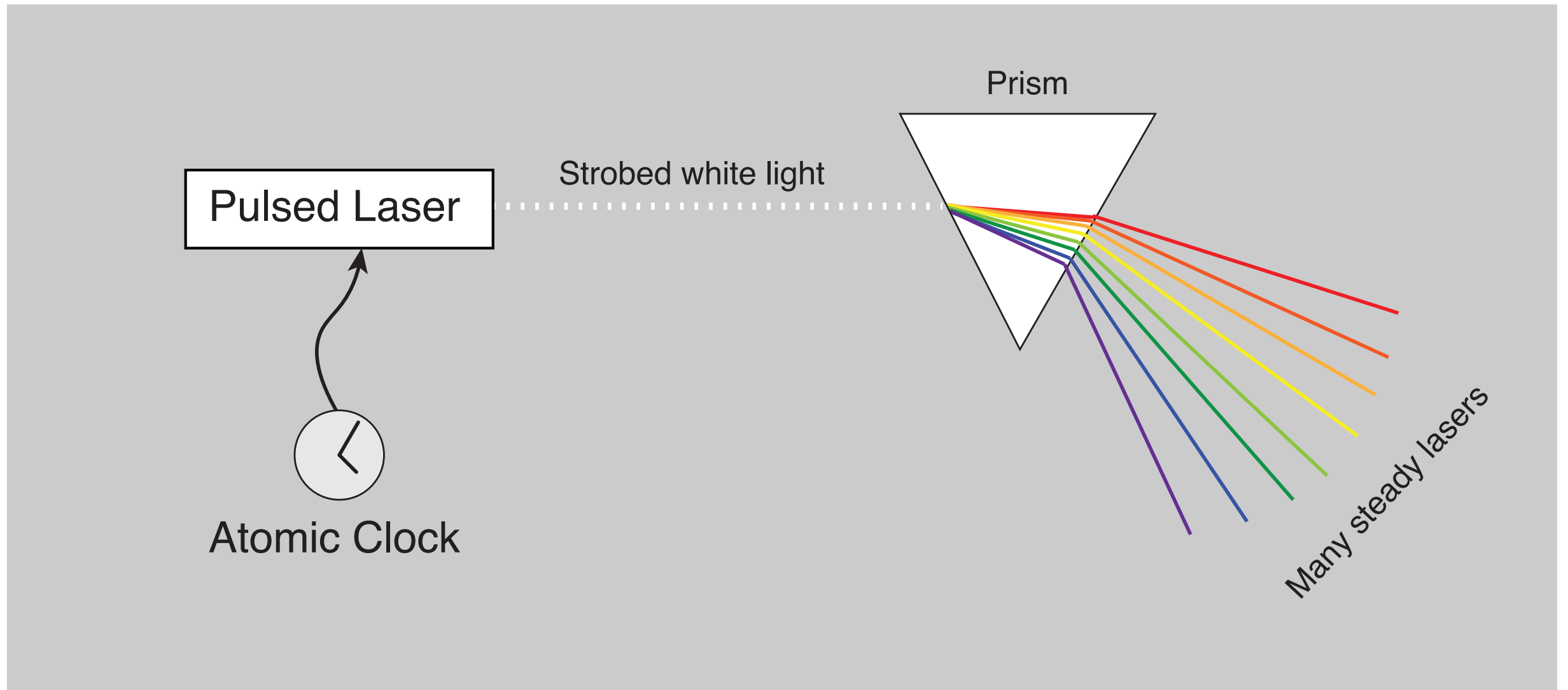
Many fancy lasers!



Many fancy lasers



Pulsed laser



Optical Frequency Comb

