

Download How The Laser Happened Adventures Of A Scientist

A laser is a device that emits light through a process of optical amplification based on the stimulated emission of electromagnetic radiation. The term "laser" originated as an acronym for "Light Amplification by Stimulated Emission of Radiation". The first laser was built in 1960 by Theodore H. Maiman at Hughes Research Laboratories, based on theoretical work by Charles Hard Townes and Arthur ... A ruby laser is a solid-state laser that uses a synthetic ruby crystal as its gain medium. The first working laser was a ruby laser made by Theodore H. "Ted" Maiman at Hughes Research Laboratories on May 16, 1960.. Ruby lasers produce pulses of coherent visible light at a wavelength of 694.3 nm, which is a deep red color. Typical ruby laser pulse lengths are on the order of a millisecond. Why are dreams so weird, what are they for, and do they mean anything? Here's what science can tell us about our adventures in the land of nod. Picture 1 - Overall view of the "Querflöte" laser (composed from three separate exposures). Besides and behind the long laser head at the right end the rotary vacuum pump, in the back high voltage transformer and voltage doubler / rectifier, at the left end low-pressure gas can and mercury vacuum gauge.