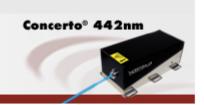


Disruptive He-Cd Laser Replacement with Pitch Perfect German Engineering





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Holography + Optogenetics = Bionic Vision? Maybe Someday

IR Holography Helps Firefighters Blinded By the Light

Computer-generated holography could be used in conjunction with optogenetics on damaged retinal nerve cells to artificially stimulate them and may even lead to a new strategy for bionic vision restoration, say researchers at Technion-Israel Institute of Technology.

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Disruptive He-Cd Laser Replacement with Pitch Perfect Engineering Until recently 442nm laser generation was provided exclusively by large, costly and

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Holograms can be generated by harnessing the conductive and light-scattering qualities of carbon nanotubes, a development that could lead to crisper projections with a larger field of view.

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Great details of an ancient mummy, including jewelry adorning its inner shroud, were revealed in color using 3-D holograms.

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HoloHands Turns Laser Tweezing into a Game

Through the system called HoloHands, scientists can use the motion sensor in Microsoft Xbox Kinect's video game platform to control holographic optical tweezers, allowing them to trap, move and rotate microscopic particles simply by waving a hand. That's important, as finding a control interface for optical tweezers has long proved problematic. And it's fun, too.

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