

Cory Christenson

I work on organic photorefractive polymers for holographic 3D display applications. Our displays are updateable, which is an improvement over current commercially available systems, which cannot be reused and suffer from low resolution. An image can be written in minutes, erased just as quickly, and will hold an image for several hours without the need to refresh. Organic polymers are useful for holography as they are cheap, easy to fabricate, and can be made to arbitrarily large size. We are currently working towards full-color, white-light viewable, and video-rate response displays.