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Fused Fiber Optics: Changing the Shape of Displays

The burgeoning gaming industry, the ever-evolving automotive sector and the display industry as a whole are demanding new technology that will enhance a user's experience. Fiber optic faceplates are rapidly becoming the solution of choice. When bonded to your conventional display, Incom's fused fiber optics can bring life to your next project. Unprecedented flexibility in the shape and size of a fiber optic means your display can now have any outer geometry imaginable; circular, triangular, or even a star. Even a curved display surface (spherical, cylindrical or complex), previously impossible with a standard display, is now an option!

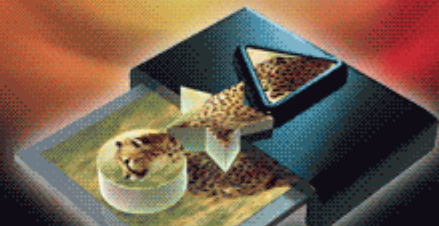
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Glasses-Free 3-D Display Well Suited for Mobile Devices

A new glasses-free 3-D display based on diffractive optics modulates at video rates and shows images that can be viewed from multiple angles even when the display is tilted, making it well suited for mobile devices.

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Image Sensor is Transparent, Circuit-Free

A flat, transparent and circuit-free polymer sheet may provide an entirely new way of capturing images, or may act as a touch-free user interface that could seamlessly overlay a television or other display technology.

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Improved 'Peacock' Tech Could Lead to Better Hi-Res Displays

Peacock feathers have a beautiful iridescence that is proving difficult for engineers to reproduce in developing high-resolution, reflective color display screens. The University of Michigan reveals a simple way to lock in so-called structural color, which is created from texture rather than from chemicals.

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Head-Up Displays Keep Speed and More in Sight

Despite current issues, including cost, experts say projecting information on a windshield is a future safety must-have for drivers.

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'Spintronic' OLED promises brighter displays

A "spintronic" OLED that produces an orange color holds promise for brighter, cheaper and more environmentally friendly LEDs than the ones typically used in television and computer displays, lighting and electronic devices.

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Meet the business and technology masterminds behind the major progress in OLEDs, Oxide TFT, 3D, ultra HD televisions, flexible displays and more at SID's Display Week. www.displayweek.org



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