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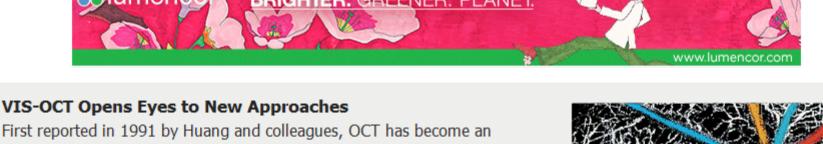
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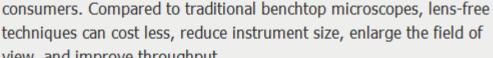


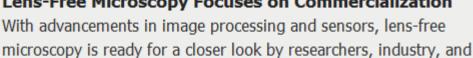
biopsy with microscopic resolution in the eye at a depth range up to the choroid. Besides 3D anatomical imaging, OCT can also provide

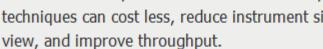
functional information. The most notable functional extension is OCT angiography (OCTA), which can map the microvasculature in the eye without contrast agent and is being investigated in clinical ophthalmology. Lens-Free Microscopy Focuses on Commercialization

important imaging tool for ophthalmology following innovations over the past three decades. OCT noninvasively provides 3D in vivo optical

With advancements in image processing and sensors, lens-free







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Open-Source Photon Counting Advances Biological Research A surgeon removing a malignant tumor, a security agent detecting harmful molecules at a stadium, an autonomous car avoiding a collision, a weather satellite spotting hurricane formations, a neuroscientist tracking neuronal activity deep within the brain — all of

these situations involve quickly identifying small optical signals buried

within a large noisy volume. Efforts made by many to achieve this

difficult goal have led to a "convergent evolution" toward a common solution: time-tagged photon counting using sensitive single-pixel photodetectors. Consequently, free and open-source software recently developed for neuroscientific research may find its way to assisting clinicians and researchers in otherwise unrelated fields. Read Article **Featured Products** C-FLEX Laser Combiner

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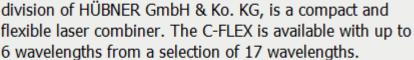
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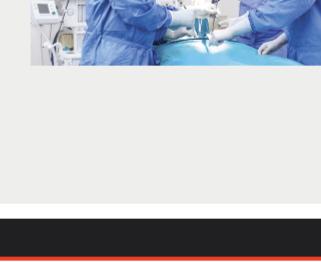
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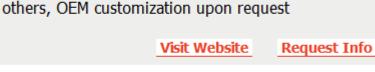
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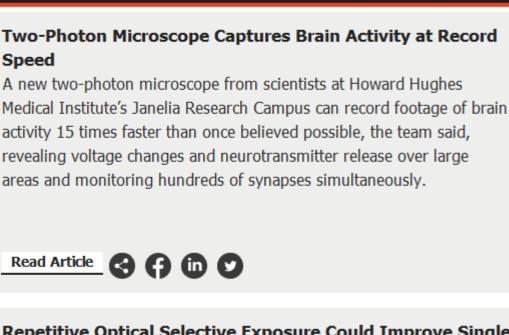
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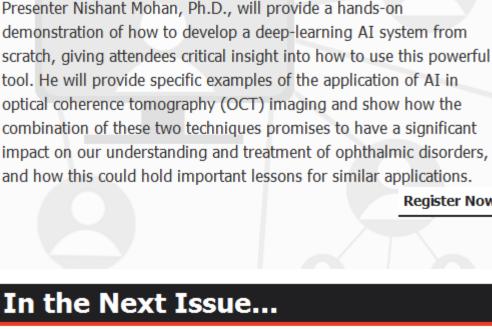






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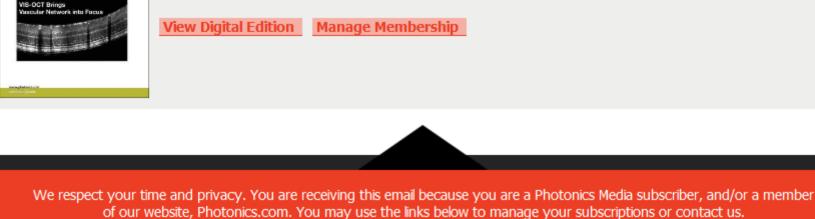
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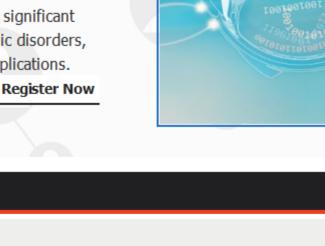
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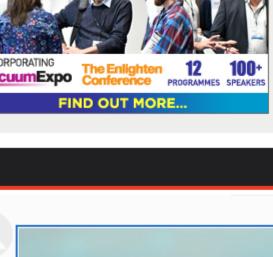
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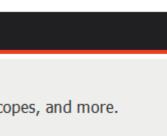
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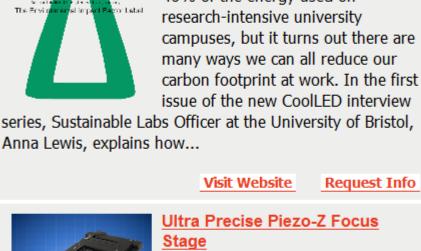
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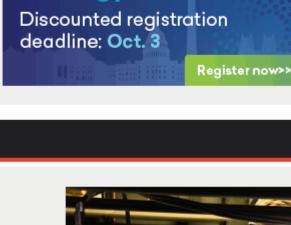




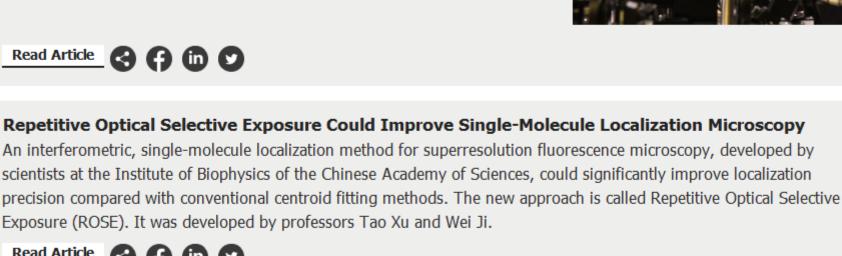


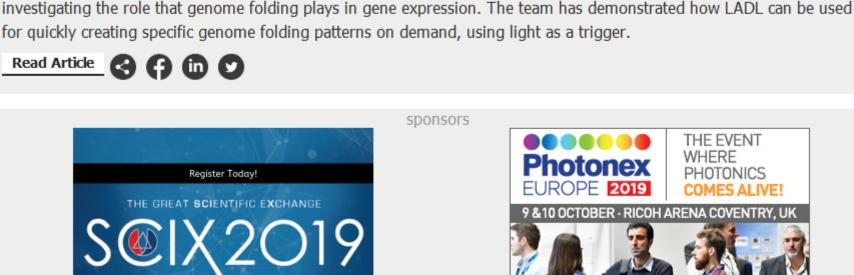
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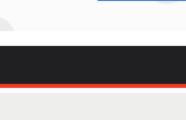
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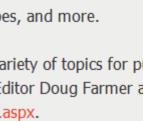


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