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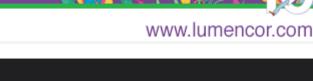






developments in lasers, imaging, optics, spectroscopy, microscopy, lighting and more.

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Windows of Opportunity MARCIA STAMELL, ASSOCIATE MANAGING EDITOR



Our cover story considers the progress and prospects of optical coherence tomography. There are promising new uses of OCT, a panel of three industry experts tells us. One is OCT angiography. OCT-A is just attracting the clinical

techniques moving beyond the domain of research hospitals and academia.

interest that is the necessary precursor to wider adoption. But there are serious obstacles to this and other OCT

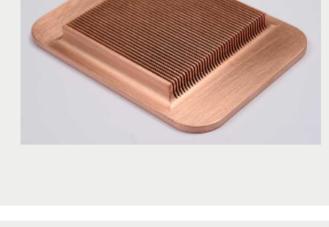
Heat Management Improves Performance







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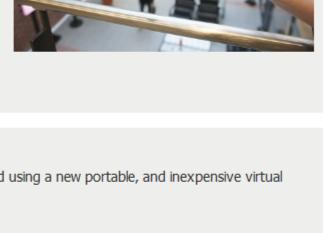
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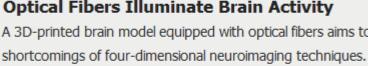
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Optical Fibers Illuminate Brain Activity A 3D-printed brain model equipped with optical fibers aims to help clinicians and patients visualize brain function activity, overcoming the

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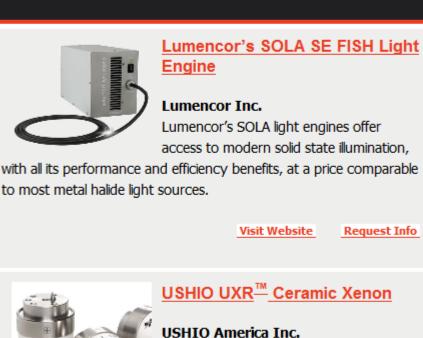


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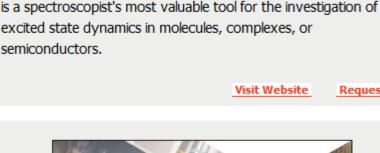


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vision system is right for you.

to design a system that has the components required for optimal performance.

implementation, turnkey systems; and how to determine if a turnkey machine

Areas he will address include: requirements definition, system design,

Lingjie Kong, Ph.D., will speak on advances in large-scale deep tissue imaging of biological dynamics, focusing on applications in neuroscience. Kong received his Ph.D. in Optical Engineering from Tsinghua University in 2012. For postdoctoral training, he worked at X. Sunney Xie's group at Harvard University and Meng Cui's group at Howard Hughes Medical Institute's Janelia Research Campus and Purdue University. He is currently engaged in research work at Purdue University



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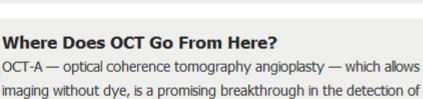
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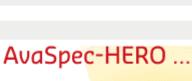






early-stage glaucoma. And swept-source OCT has opened new possibilities for diagnosing diabetic retinopathy and early macular degeneration.



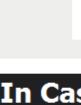










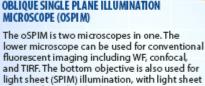


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