



sneak PREVIEW








Neuroscience – San Diego, Calif. November 3-7

An advanced look at the products, trends and technologies being presented.



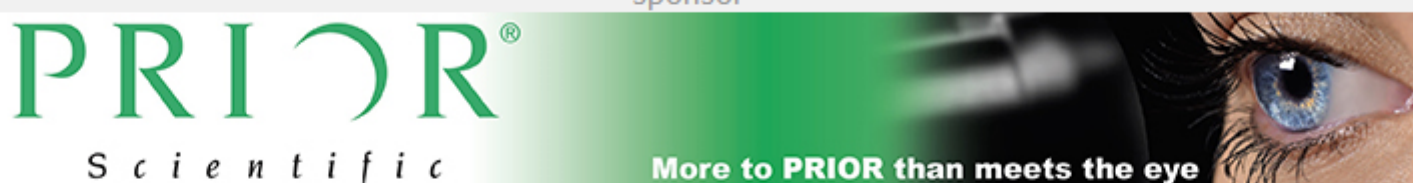
Neuroscience 2018 Encourages Collaboration and Conversation

The Society for Neuroscience (SfN) Neuroscience 2018 conference is the world's largest neuroscience conference for scientists and physicians who are devoted to understanding the brain and nervous system.

To be held Nov. 3-7 at the San Diego Convention Center in California, SfN's 48th annual meeting allows 30,000 attendees from over 80 countries to network with peers, learn from experts, explore innovative neuroscience tools and technologies, and discover career opportunities.

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PRIOR
Scientific

More to PRIOR than meets the eye

Featured Exhibitors

NEW: X-Cite XYLIS LED Illuminator

From: Excellitas Technologies Corp.

X-Cite XYLIS is a true arc lamp replacement for both routine and advanced fluorescence imaging applications. Built to X-Cite's high-quality standards, X-Cite XYLIS has the broadest spectrum available in a white light LED for fluorescence microscopy. Incorporating our patented and award-winning LaserLED Hybrid Drive® technology to overcome the LED green gap, X-Cite XYLIS makes it possible to enjoy the benefits of LEDs without compromising on price, flexibility, or performance.



Visit us: Booth 2529

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Customized OEM Optical Systems

From: Prior Scientific Inc.

Prior Scientific is the leading worldwide manufacturer of automated precision components and customized subassemblies for microscopy applications and automated OEM optical systems. Prior will exhibit many off-the-shelf components such as high precision linear and stepper motor XY and Z stages, a range of nanopositioning devices/sensors along with the revolutionary NEW PureFocus850 Laser Autofocus for biological & industrial samples. Prior will be demonstrating several customized automation solutions at booth #820.




Visit us: Booth 820

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Nanopositioners, Microscope Stages

From: Mad City Labs Inc.

Mad City Labs designs and manufactures piezo nanopositioning systems, microscope stages, single molecule microscopes, AFM, and custom instrumentation. Our products are used for super resolution microscopy, live cell & confocal imaging, single molecule microscopy and spectroscopy, AFM, optical/magnetic tweezers, optical microscopy, and precision force instrumentation. Featured products: Piezo Z stage inserts, piezo lens nanopositioners, microscope stages, beam steering nanopositioners, multi-axis nanopositioners for optical tweezers, RM21® MicroMirror TIRF microscope.




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Optogenetic Launch!

From: Siskiyou Corp.

XY manipulation of a single-mode launched spot within the field of view. 10 um - 50 um spot size or full-field fluorescence. Adapters for all upright microscopes. Fiber couplers and fiber-to-microscope adapters.



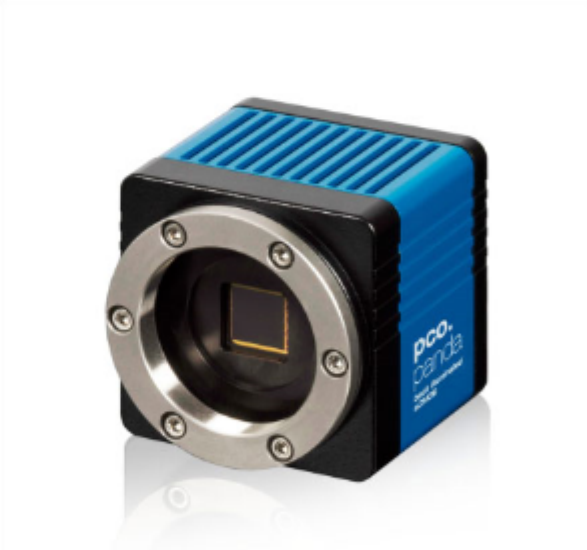
Visit us: Booth 2720

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pco.panda 4.2 bi

From: PCO-TECH Inc.

PCO's new back illuminated camera pco.panda 4.2 bi provides a quantum efficiency of up to 95%. This makes the camera perfect for demanding lighting conditions, even without active cooling. The high resolution and 6.5 x 6.5 µm² pixel size guarantees high-quality images. USB 3.1 provides direct power delivery via the USB cable. Its compact dimensions make the pco.panda 4.2 bi ideal for countless applications in microscopy and life science.




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LSFM for Cleared Tissue (ct-dSPIM)

From: Applied Scientific Instrumentation Inc.


The ct-dSPIM is a flexible and easy-to-use SPIM implementation optimized for large samples. It is one of many light sheet microscope configurations using ASI's modular components. It utilizes a multi-immersion objective with 12mm working distance, allowing flat samples to be imaged more than 5mm deep from two orthogonal views. The objective works in water, CUBIC, CLARITY, BABB, DBE, and more. The system has successfully imaged various cleared tissue samples.



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PHOTONICS MEDIA



STOP BY OUR BOOTH

Look for *Biophotonics* magazine on the Literature Wall at Neuroscience 2018. The Literature Wall will be located in the Sails Pavilion at the San Diego Convention Center.

Pick up copies of *Biophotonics* to read more about:

- Improved cell analysis with miniature fluorescence microscopes, SHG microscopy, and nanophotonic biosensors
- Enhanced disease identification with a combination of fluorescence imaging and sensing, and advanced microscopy techniques
- More effective treatment of neurological disorders with NIR
- Photonics Media's preview of Neuroscience 2018

And as always, you can visit us online at www.photonics.com