

Sneak Preview

Neuroscience, Washington, D.C.

Nov. 15-19, 2014



THE PULSE OF THE INDUSTRY



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New Compact White Light LED Source

Meet the new X-Cite[®] 110LED at SFN 2015! The **X-Cite 110LED** is a compact LED light source providing white light excitation for common fluorophores with exceptional field uniformity, stability and multiple control options. Visit us at SFN booth #2616



Excelitas Technologies Corp.

See us at booth 2616

www.excelitas.com



Lumenera's INFINITY3-3UR USB3 Camera

See a demo of the **INFINITY3-3UR** camera, featuring Sony's ICX674 CCD sensor, and providing 53 fps at full 2.8 MP resolution via a high-speed USB3 interface. Designed for use in applications requiring optimal color reproduction, extreme sensitivity, increased resolution and high speed.

Lumenera Corp.

See us at booth 3122

www.lumenera.com

MXIN Translation Stage

Our new **MXIN series stage** incorporates our unique coarse-fine drive mechanism. It has been engineered to fit contemporary inverted microscopes from the major manufacturers, as well as a stand alone unit that can be mounted to a breadboard.



Siskiyou Corporation

See us at booth 2928

www.siskiyou.com

New pco.edge gold 4.2 with Deep Cooling



The brand new pco.edge gold 4.2 offers long exposure times and best performance data combined with highest frame rates. Additionally, the new **sCMOS** member satisfies with the following specifications:

- 0.8 e⁻ rms readout noise
- 36 000 : 1 intra-scene dynamic (16 bit)
- 2048 x 2048 pixel resolution
- 70% quantum efficiency

PCO Group

See us at booth 1901

www.pco.de

Light Sheet Microscopy Systems

Dual Inverted **Selective Plane Microscopy** system (diSPIM) offers several advantages over confocal & other microscopy systems including isotropic resolution (330 nm in all directions), 10-100x faster volumetric imaging rates, Achieve a ~10 fold reduction in photobleaching, use conventional mounting/cover slips.



Applied Scientific Instrumentation, Inc.

See us at booth 2716

www.asiimaging.com



FREE 30 Minute Imaging Sessions

Learn how imaging solutions vary and how to **get the most out of your camera**. Sessions offered daily:

- **10:00 am** - *Got a Need for Speed? Optimize Your Camera!*
- **2:00 pm** - *The Battle Between EMCCD and sCMOS. Select the Winner for your Research.*

Photometrics

See us at booth 2916

www.EvolveYourScience.com

Neuroscience 2014

The Society for Neuroscience will hold its 44th annual meeting Nov. 15-19, 2014, bringing together neuroscientists from around the world to discuss and present emerging science, studies and tools.



The event will feature more than 30,000 experts in the field, discussing topics including scientific publishing, academia, advocacy and public education. Attendees will learn from fellow neuroscientists, collaborate with peers, and explore new technologies.

They can learn about potential career and professional development opportunities, too, and will have access to a marketplace of tools and ideas for global neuroscience.

There will also be the chance to review and learn about emerging and unpublished findings via more than 15,000 submitted abstracts. These are organized into scientific poster sessions, Theme H poster sessions and nanosymposia by SFN's Program Committee.

Individual presenters from various schools and laboratories will offer workshops and presentations on topics such as neurobiology, stroke recovery, multineuronal brain monitoring, and potential research funding opportunities.

Among the presenters: Dino Dvorak (SUNY Downstate Medical Center), Domagoj Dzaja (Croatian Institute for Brain Research and Zagreb University), Kim A. Staats, (VIB, University of Leuven), Ana Isabel Plácido, (Center for Neuroscience and Cell Biology and the University of Coimbra), Zhigang He (Harvard Medical School and Children's Hospital Boston), Dan Wu (Johns Hopkins University School of Medicine), and Yoshichika Baba (Columbia University Medical Center).

Panel discussions (symposia, minisymposia and nanosymposia) and a social issues roundtable will provide comprehensive coverage of vital neuroscience research topics. In addition, junior investigators will have the chance to propose minisymposia to present research to a broad audience and gain public speaking experience.

Many exhibitors will share information and tools for brain mapping, cell culture, fluorescence probes, gene expression, spectral imaging, microarrays, receptors, surgical instruments and DNA markers.

Societies and journals will also present opportunities and information regarding research and study publishing.

For more information and to register, visit: www.sfn.org/Annual-Meeting/Neuroscience-2014/Registration.

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