SPIE Photonics West 2017 — The world’s largest multidisciplinary event for photonics

New technologies that enable advancements in global healthcare, manufacturing, communication, energy-efficiency, and consumer electronics are at the core of SPIE Photonics West, 28 January - 2 February 2017.

On a continuing growth trend, total attendance at Photonics West 2017 is expected to top 22,000. Attendees will have access to technical sessions, two exhibitions, 30 industry events, 72 courses, 40 special events, 19 plenary sessions, and 4,800 papers (95 conferences) on biomedical optics, optoelectronics, industrial lasers, nanophotonics, MOEMS-MEMS, and more.

BiOS Expo, 28 - 29 January 2017, is the world’s largest biomedical optics and biophotonics exhibition. BiOS Expo, held Saturday and Sunday, kicks off the Photonics West week. Find the latest technologies from more than 220 companies in the thriving biomedical optics and photonics industries.

Photonics West Exhibition, 31 January - 2 February 2017, is the most important in the industry; more than 1,300 companies’ exhibit at the essential photonics and laser show. Visitors from around the globe make their way to San Francisco to see the largest concentration of devices and components for applications in the industry.

The BiOS 2017 technical program, the largest symposia under the Photonics West umbrella, includes 2,300 technical presentations in tracks on photonic therapeutics and diagnostics; clinical technologies and systems; tissue optics, laser-tissue interaction, and tissue engineering; biomedical spectroscopy, microscopy, and imaging; and nano/biophotonics. Technical topics include enabling technologies for treatments of cancer, stroke, epilepsy, vision loss, and more. NEW in 2017: conference on Visualizing and Quantifying Drug Distribution in Tissue. Don’t forget the popular BiOS Hot Topics session on Saturday night, 7 to 9pm.

LASE 2017 will showcase the latest fundamental and applied research on new laser sources and applications. Topics include basic laser device and materials research, semiconductor lasers and LEDs, device and system engineering for emerging nanotechnologies, microelectronic, photonic, and industrial laser manufacturing, 3D printing, and free-space communications.

OPTO 2017 addresses the latest developments in a broad range of optoelectronic technologies and their integration for a variety of commercial applications. Many of today’s green technologies, along with enhanced display screens, faster communication, and more efficient optical storage devices, sprang from ideas presented at OPTO conferences.

SPIE Brain 2017 highlights papers from BiOS, LASE, and OPTO that describe the development of innovative technologies that will increase our understanding of brain function.

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PHOTONICS WEST 2017
THE PREMIER EVENT FOR THE PHOTONICS AND LASER INDUSTRIES

Conferences & Courses: 28 January–2 February 2017
Photonics West Exhibition: 31 January–2 February 2017
BIOS Expo: 28–29 January 2017
The Moscone Center, San Francisco, California, USA

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Exhibition: 17–19 October 2017
Conference and Courses: 16–19 October 2017