

OFS to Present Series of Sessions at BiOS Expo and Photonics West Exhibition

BiOS and Photonics West 2023, San Francisco, CA, January 19, 2023 – OFS, a leading manufacturer of innovative fiber optic products and solutions will showcase continued technical and industry leadership in seven highly rated educational sessions at the annual BiOS Expo and Photonics West Exhibition to be held at the Moscone Convention Center in San Francisco, California January 28 through February 2, 2023.

These papers will be presented by lead members of OFS Labs technical staff including Senior Engineering Manager, Jeffrey Nicholson's presentation of his Invited Paper, "5 kW single-mode output power from Yb-doped fibers with increased higher-order mode loss."

"OFS is proud to present our recent groundbreaking work at Photonics West and BiOS highlighting ongoing developments in specialty photonics. The studies to be presented offer potential benefits for sensing in industrial, medical, geophysical, and aerospace markets and show significant advances in high-power fiber laser technology. We are also excited to host a booth on the tradeshow floor where conference participants can see the wide portfolio of OFS products" stated David DiGiovanni, Chief Technology Officer at OFS, and President of OFS Laboratories.

Paper: 12400-1

Title: 5 kW single-mode output power from Yb-doped fibers with increased higher-order mode loss (Invited Paper)

Session Date and Time: Monday, January 30, 2023. 10:20 AM - 10:50 AM PST

Location: Moscone Center, Room 203 (Level 2 South)

Presenter: Jeffrey Nicholson, Senior Engineering Manager at OFS

Paper: 12388-17

Title: Imaging through specialty optical fibers

Session Date and Time: Monday, January 30, 2023. 9:00 AM - 9:20 AM PST

Location: Moscone Center, Room 54 (Lower Mezzanine South)

Presenter: Erin Lamb, Scientist at OFS

Paper: 12400-2

Title: Performance of 915 nm pumped LMA Yb fiber designs for long-term reliable multi-kilowatt operation

Session Date and Time: Monday, January 30, 2023. 10:50 AM - 11:10 AM PST

Location: Moscone Center, Room 203 (Level 2 South)

Presenter: A. Rosales-García, Development Engineer Manager at OFS

Paper: 12417-35

Title: Characterization of optical fiber at cryogenic temperatures

Session Date and Time: Wednesday, February 1, 2023. 6:00 PM - 8:00 PM PST

Location: Moscone Center, Level 2 West

Presenter: Adam Christiansen, Univ. of Lethbridge, Blue Sky Spectroscopy Inc.

Paper: 12388-18

Title: Neural-network-based multimode fiber imaging and position sensing under thermal perturbations

Session Date and Time: Monday, January 30, 2023. 9:20 AM - 9:40 AM PST

Location: Moscone Center, Room 54 (Lower Mezzanine South)

Presenter: Tristan Kremp, Scientist at OFS

Paper: 2402-19

Title: 6 kW power handling in a 7+1 to 1 pump-signal combiner

Session Date and Time: Tuesday, January 31, 2023. 3:30 PM - 3:50 PM PST

Location: Moscone Center, Room 205 (Level 2 South)

Presenter: Lalitkumar Bansal, Scientist at OFS

Paper: 12400-49

Title: Long term, stable, 115W output from an Erbium fiber amplifier pumped by a Raman fiber laser

Session Date and Time: Thursday, February 2, 2023. 2:00 PM - 2:20 PM PST

Location: Moscone Center, Room 203 (Level 2 South)

Presenter: Andrew Grimes, Optical Engineer at OFS

OFS Photonics West Exhibition Booth # 4505 and BiOS Expo Booth # 8358.

(Moscone Convention Center, San Francisco, CA).

OFS personnel will be available to discuss the research presented.

About OFS

OFS is a world-leading designer, manufacturer, and provider of optical fiber, fiber optic cable, connectivity, fiber-to-the-subscriber (FTTx), and specialty fiber optic products. We put our development and manufacturing resources to work creating solutions for applications in such areas as telecommunications, medicine, industrial networking, sensing, aerospace, defense, and energy. We provide reliable, cost-effective fiber optic solutions that help our customers meet the needs of consumers and businesses today and into the future.

Headquartered in Norcross (near Atlanta) Georgia, U.S.A., OFS is a global provider with facilities in several countries worldwide. OFS is part of Furukawa Electric Group, a multi-billion-dollar leader in optical communications.

Please visit www.ofsoptics.com/.

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