

Optical Engineering Fiber Optic Sensing Seminar



Overview

Welcome to the SPE Workshop on Fibre-Optic Sensing Applications, a premier event in Copenhagen exploring cutting-edge solutions for well and reservoir monitoring and field optimization. Our events show which trends have potential in a compact and practical way. We are happy to inform you about our current workshops, conferences, and other events. During its more than 30 years of providing answers in the oil and gas industry, fibre-optic sensing has given users downhole flow information for production allocation and injection conformance, provided time-lapse seismic measurements to understand reservoir saturation and geomechanical changes. Welcome to Optica Technical Group webinars, your source for free online content curated by your peers and tailored to your interests in optics and photonics. Each webinar is organized by one of our 46 technical groups and features an hour-long presentation by selected speakers. You can learn more. Check back soon for more FOSA webinars! What's the Killer App for Large-Scale Fiber Sensing Deployments?

- FOSA Technology Outreach Committee Becoming truly smart - how can new cities add value to fiber with sensing?

- FotechOver the last three decades, the world of fiber optic sensing has undergone a remarkable transformation, propelling us from the pioneering days of distributed temperature sensing (DTS) in the 1990s to the cutting-edge inclusion of optical-based pressure gauges, seismic accelerometers, flowmeters. Fiber Optics Conferences 2026 2027 2028 is for the researchers, scientists, scholars, engineers, academic, scientific and university practitioners to present research activities that might want to attend events, meetings, seminars, congresses, workshops, summit, and symposiums.

Article Content

Sep 10, 2025

Sensors | Special Issue : The Fiber-Optic Sensing for Extreme Physics ...

Fiber optical sensing technology is expected to grow significantly due to the rapid progress in information technology, mechanic dynamics, ocean engineering, bio-medicine,

Jun 25, 2026

Fiber Optic Sensing Association (FOSA)

The Fiber Optic Sensing Association (FOSA) is dedicated to accelerating the use of distributed and quasi-distributed optical fiber sensing technologies. Fiber optic sensing works by measuring changes

Feb 06, 2026

VIAVI Solutions | Network Test, Monitoring, and Assurance

Our test, monitoring, assurance, and resilient position, navigation and timing solutions enable and secure critical infrastructure ranging from data center

Jan 24, 2026

International Conference on Optics, Photonics and Electronics ICOPE

International Conference on Optics, Photonics and Electronics scheduled on October 23-24, 2025 at Barcelona, Spain is for the researchers, scientists, scholars, engineers, academic,

Jan 02, 2026

connect.spe

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jul 07, 2025

About Us

Fiber Broadband Association webinar November 18 Our History FOSA was launched in 2017 by twelve companies involved in the provision of fiber optic sensing equipment and services: AFL, Corning,

Aug 02, 2025

Optica Online Industry Meeting: Fiber Sensing

Join us for the OPTICA Online Industry Meeting on Fiber Sensing, where industry leaders will explore the latest advancements and applications in

Jan 25, 2026

FOSA Webinars

Mastering the Fundamentals of Distributed Fiber Optic Sensing: Explore the differences between Distributed Acoustic Sensing and Distributed Strain Sensing and Scattering Phenomena that enables

Jan 06, 2026

PRI Distinguished Seminar Series on 22 Apr 2024 (Mon)

Topic Optical Fiber Distributed Acoustic Sensors: Challenges and Solutions Abstract
DAS, the distributed acoustic sensor, is a fiber-optic device for

Aug 26, 2025

SPE Workshop: Fiber-Optic Sensing Applications for Field

Fast forward to the 2010s, and the introduction of distributed acoustic sensing (DAS) has further revolutionised the optical sensing system, encompassing fibers, cables, sensors, deployment,

Apr 27, 2026

Technical Group Webinars

Welcome to Optica Technical Group webinars, your source for free online content curated by your peers and tailored to your interests in optics and photonics. Each webinar is organized by one of our 46

Sep 05, 2025

Fiber Optics Conferences 2026/2027/2028

Fiber Optics Conferences 2026 2027 2028 is for the researchers, scientists, scholars, engineers, academic, scientific and university practitioners to present research activities that might

Nov 17, 2025

SPE/SEG | 2024 SEG Workshop on Fiber Optics Sensing for Energy ...

June, 2024- SEG Website Distributed fiber optic sensing is a rapidly developing technology with significant disruptive potential in multiple applications in many -- if not all -- of these activities.

Nov 30, 2025

Event Schedule | SPE Workshop on Fibre-Optic Sensing Applications

View the detailed schedule for the SPE Workshop on Fibre-Optic Sensing Applications, including sessions on field monitoring, integrity, and

Mar 01, 2026

Sustainable usage of components by smart fiber optic sensing ...

Fiber Optics Online seminar / April 20, 2023, 3.00-4.00 p.m. CET Sustainable usage of components by smart fiber optic sensing Optical fibers have been the standard in

Jun 17, 2026

Webinar: Fiber optic sensing and specialty fibers in ...

In this short course, you will be introduced to Fiber optic sensing and its applications in Industry and Manufacturing. You'll learn about the optical fibers that enable the sensors, and how to design them

Jun 15, 2026

2024 SEG Workshop on Fiber Optics Sensing for Energy Applications

Distributed fiber optic sensing is a rapidly developing technology with significant disruptive potential in multiple applications in many, if not all, of these activities. It allows the deployment of thousands of

May 29, 2026

See the Light® Seminars | Optical Communications | Corning

Our seminars bring the latest optical technology to a city near you. Our experts lead these hands-on seminars throughout the Americas. No matter what your role may be, our seminars offer something

Oct 30, 2025

Fiber Optic Sensing Association (FOSA)

We hope you are able to join us at the 2026 FOSA Mid-Year Member Meeting in Milan, Italy from June 8-10, 2026. The meeting is a great opportunity to connect with fellow Fiber Optic Sensing Association

Apr 09, 2026

See the Light® Design and Installation Courses | Fiber

We've developed a comprehensive training program to meet the needs of fiber optic contractors, installers, designers, and end users. Courses include hands-on

Feb 22, 2026

See the Light® Webinars | Fiber Optic Training | Optical

Our See the Light® webinar series can help you stay current with convenience. We offer a wide variety of live and recorded webinars to suit your needs. Whether you

Mar 14, 2026

Optical Communication Systems Seminar Topics

As compared to electrical transmission, optical fibers have mostly replaced copper wire communications within core networks due to many benefits like high

Aug 03, 2025

SPE Workshop on Fibre-Optic Sensing Applications

Welcome to the SPE Workshop on Fibre-Optic Sensing Applications, a premier event in Copenhagen exploring cutting-edge solutions for well and reservoir monitoring

May 28, 2026

About the SPE Workshop on Fibre-Optic Sensing Applications 2025

Discover the goals and purpose of the SPE Workshop on Fibre-Optic Sensing Applications, addressing field development, integrity, and optimization through the latest in FO technology for the oil and gas

Aug 28, 2025

Fiber-Optic Sensing: Introduction to the Technology and In-Well Sensing ...

Fiber-optic sensing and its applications have been in use in the oilfield since the mid-1990's. However, the technology continues to evolve, enabling new applications and more-robust quantitative

Jan 30, 2026

See the Light® Training Program | Fiber Optic Training

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