



One Week Many Opportunities

Cutting-Edge Research and New Solutions

European cross-disciplinary optics and photonics technical conferences covering the most significant photonics technologies—from digital optics to quantum technologies to attosecond science.

Exhibitions and Sessions for Industry

PHOTONICS EUROPE EXHIBITION

The latest equipment featuring optical components, lasers, fiber optics, detectors, sensors, cameras, and other instrumentation for the optics and photonics fields — all under one roof.

INDUSTRY EVENTS

Free sessions in which you will hear industry leaders speak to the markets and opportunities for photonics in Europe.

Student Optical Design Challenge

See students pitch their design solutions for tomorrow's immersive display products for VR/AR and MR. Over €50,000 in prizes to be awarded.

Training and Education

Take advantage of face-to-face instruction from some of the biggest names in industry and research.

Networking Events

Valuable opportunities every day of the conference: plenary sessions plus an array of networking and technical events to connect you with your colleagues.

Explore the full programme and register today

www.spie.org/PEpreview

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SPIE. PHOTONICS
EUROPE



Photonics Europe 2018

Attend the only European cross-disciplinary optics and photonics event covering the most significant photonics technologies—from digital optics to quantum technologies to attosecond science.

Conferences and Courses

22-26 April 2018
Strasbourg Convention &
Exhibition Centre
Strasbourg, France

Exhibition

24-25 April 2018

Register today

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SPIE. PHOTONICS
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PHOTONICS EUROPE

Research and innovation addressing key topics

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Strasbourg, France

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PHOTONICS EUROPE PLAN TO ATTEND



JOIN US IN STRASBOURG Photonics Europe 2018

Attend the only cross-disciplinary optics and photonics event covering the most significant photonics technologies—from digital optics to quantum technologies to attosecond science. Look for new topics in 2018, including 3D printed optics, photonic glasses, optical biopolymers, and unconventional optical imaging.



18
CONFERENCES



1,400
PAPERS



1,500
ATTENDEES



2 COURSES
+
2 WORKSHOPS



90
EXHIBITING
COMPANIES

CONFERENCES AND COURSES

Conferences: 22-26 April 2018

EXHIBITION

24-25 April 2018

Strasbourg Convention & Exhibition Centre
Strasbourg, France

Register by 2 April 2018 and Save

SPIE. PHOTONICS
EUROPE

The most comprehensive European cross-disciplinary optics and photonics event covering the most significant photonics technologies.

Research and innovation addressing key topics

18 CONFERENCES · 1,400 PAPERS

Research and innovation at SPIE Photonics Europe address key topics that are enabling fast-growth technologies and addressing societal challenges. Learn about the latest technical advancements for today's applications.

7 of 18 conferences are new

Nano- and Quantum Sciences

- Metamaterials
- Nanophotonics
- Advances in Ultrafast Condensed Phase Physics **New**
- Quantum Technologies

Optical Imaging and Sensing

- 3D Printed Optics and Additive Photonic Manufacturing **New**
- Digital Optics for Immersive Displays **New**
- Unconventional Optical Imaging **New**
- Optical Micro- and Nanometrology
- Optics, Photonics and Digital Technologies for Imaging Applications
- Optical Sensing and Detection

Lasers and Nonlinear Optics

- Micro-Structured and Specialty Optical Fibres
- Semiconductor Lasers and Laser Dynamics
- Fiber Lasers and Glass Photonics: Materials through Applications **New**
- Nonlinear Optics and its Applications

Applications of Photonic Technology

- Biophotonics: Photonic Solutions for Better Health Care
- Silicon Photonics: from Fundamental Research to Manufacturing **New**
- Organic Electronics and Photonics: Fundamentals and Devices **New**
- Photonics for Solar Energy Systems

Workshops on Emerging Topics

- Neuro-inspired Photonic Computing
- Light Shaping

2018 GENERAL CHAIRS



Francis Berghmans
Vrije Univ. Brussel (Belgium)



Thierry Georges
Oxxius (France)



Harald Giessen
University of Stuttgart (Germany)



Paul Montgomery
University of Strasbourg (France)



Hear from leading experts

Don't miss these world-class speakers discussing game-changing technology and valuable insights.



Alain Aspect
Institut d'Optique Graduate School (France)



Rainer Blatt
Leopold-Franzens-Univ. Innsbruck (Austria)



Anne L'Huillier
Lund Univ. (Sweden)



Jeremy J. Baumberg
Univ. of Cambridge (United Kingdom)



Frank Koppens
ICFO - Institut de Ciències Fotòniques (Spain)



Jens Limpert
Friedrich-Schiller-Univ. Jena (Germany)

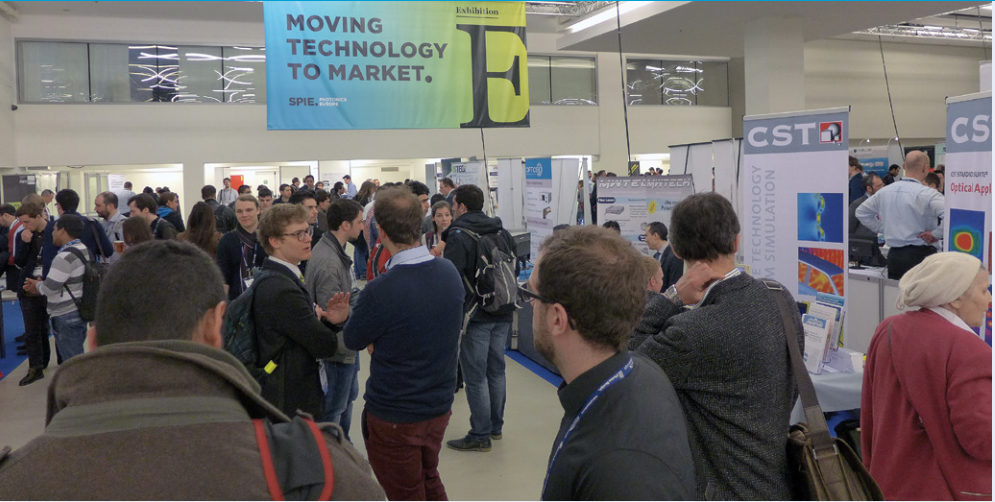
SPIE COURSES

Get personal instruction from leading experts

Stay competitive and advance your career with efficient training on the latest approaches in photonics technologies.

Take advantage of these benefits:

- Quickly increase your knowledge on hot topics
- Network with peers facing the same challenges
- Earn CEUs from an accredited provider



See top companies at the free Exhibition

90 COMPANIES · CONNECTING RESEARCH AND INDUSTRY

Tuesday 24 April. 10.00 to 17.00

Wednesday 25 April. 10.00 to 16.00

The SPIE Photonics Europe Exhibition is a prime opportunity for researchers and engineers to connect with leading companies throughout Europe

Find advanced technologies

- Chemical and biological sensing
- Ion-beam, x-ray, EUV, electron-beam
- Clinical, chemical, and biological instrumentation
- Lasers and other light sources, laser systems and accessories
- Cameras and CCD components
- Metrology, inspection, process control
- Infrared sources, detectors, and systems
- Optical components, detectors, fibres, materials, substrates
- Displays, communications
- Optical test and measurement equipment
- Electronic imaging components, equipment, and systems
- Finished optics, filters and coatings, optical fabrication equipment
- Electronics and signal analysis equipment
- Optics manufacturing
- Software
- Photonics equipment manufacturing

Included with your free expo registration

- 90 exhibiting companies
- Industry sessions
- Networking opportunities



Don't miss these exciting events

See the results of two competitions featuring impressive work and find out who takes home the prizes.

Student Optical Design Challenge

SPIE is joining with the world leading companies in VR, AR, and MR head-mounted display hardware development to organize the first Student Optical Design Challenge at the Digital Optics for Immersive Displays (DOID) conference. Over €50,000 in cash and prizes will be awarded throughout the competition, thanks to generous sponsorships from several leading companies, including:

Google, LightTrans, Microsoft, Oculus, Zemax, Jenoptik, Huawei, Leia Inc., Amazon, Zeiss, Synopsys, Applied Materials, Lambda, and Nvidia

Photonics Innovation Village

Encouraging the transfer of optics/photonics research and technology into new and useful products, as this special section of the exhibition showcases the finest developments from universities, nonprofits, and research centres. The innovative researchers taking part in the programme take part in a competition for prizes by sharing their latest findings to industry innovators and other photonics visionaries.

European Projects/Networks

See projects and related prototypes in a special section of the exhibition. Meet network representatives and discover more about links between groups across Europe in the field of optics and photonics.

Get the latest industry insights

Free sessions in which you will hear industry leaders speak about key trends and market opportunities for photonics in Europe. These sessions will provide valuable information and networking for anyone, from engineers to CEOs, looking for the latest industry insights.

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