AGENDA

■ **Ultrafast sources of coherent light**
Current research and emerging applications
The Houches Physics School, France

23 - 27 March 2026

70 attendees expected

The application deadline is October 31, 2025 (short motivation letter + CV)

■ **OPTIQUE BFC 2026**
Dijon - Palais des congrès

06 - 10 july 2026

+ 670 participants expected

The application deadline is February 15, 2026

■ **The International Award**
SFO LUMIÈRES Arnulf-Françon

The application deadline is February 26, 2026

OPTIQUE BFC 2026: call for contributions

The biennial Congress of the French Optical Society will be held in Dijon from 6 to 10 July 2026 – Palais des Congrès, Dijon, France. Presentations are accepted both in English and in French.

The French Optical Society (SFO) is organizing its biennial congress OPTIQUE BFC 2026, to be held from 6 to 10 July 2026 at the Palais des Congrès in Dijon. This major event in optics and photonics will bring together more than 650 researchers, PhD students, and industry experts from across Europe and beyond.
The 2026 edition will open with an inaugural lecture by Anne L'HUILLIER, Nobel Prize in Physics 2023. Under the scientific co-chairmanship of Bertrand Kibler (ICB, CNRS) and Daniel Brunner (FEMTO-ST, CNRS), and the local chairmanship of Guy Millot (ICB, IUF), the congress will highlight the vitality of all areas of optics and photonics: lasers, silicon photonics, quantum optics, optical materials, biophotonics, nanophotonics, optical sensing, AI, and many others.
An industrial exhibition will host more than 45 companies and start-ups, providing a unique opportunity to showcase innovations and equipment, and to strengthen synergies between academic research and industry.
The SFO invites the scientific community to submit contributions (oral communications or posters). The Conftool platform will open for submissions on 15 November 2025, with a deadline set for 15 February 2026.
Submissions will be evaluated by SFO scientific committees, composed of more than 120 experts covering all fields, ensuring both quality and diversity of the program.
PhD students and postdoctoral researchers are strongly encouraged to participate. "I will take part in a major congress in my field at least once during my PhD!" — this is the commitment of the SFO, which works to keep registration fees accessible so that every PhD student can present their work.
The congress will feature a strong international dimension (50% of plenary speakers will be from outside France, and more than 30% of participants are expected from abroad) and a firm commitment to gender parity.

Plenary Lectures at OPTIQUE BFC 2026

11 plenary lectures will be given by world-renowned experts:
√ **Hatice Altug** (EPFL, Switzerland)
√ **Anne Amy-Klein** (LPL, France)
√ **Roel Baets** (Ghent/IMEC, Belgium)
√ **John Dudley** (FEMTO-ST, France)
√ **Sylvain Gigan** (ENS Paris, France)
√ **Anne L'Huillier** (Lund, Sweden, Nobel Prize in Physics 2023)
√ **Hélène Perrin** (LPL, France)
√ **Carlo Sirtori** (ENS Paris, France)
√ **Birgit Stiller** (MPL, Germany)
√ **Giovanni Volpe** (University of Gothenburg, Sweden)
√ ... and the lecture by the 2026 Léon Brillouin Grand Prize laureate.

SFO Awards at OPTIQUE BFC 2026

The SFO will present its prestigious awards:
🏆 **Léon Brillouin Grand Prize** – lifetime achievement,
💡 **Jean Jerphagnon Prize** – technological innovation and outreach,
✨ **Fabry-de Gramont Prize** – young researcher of international recognition,
📚 **Lumières Arnulf-Françon Prize** – pedagogical or outreach production,
🎓 **SFO Thesis Prize** – five annual prizes, including one with industrial partnership.

REOD at OPTIQUE BFC 2026

The Meetings on Optics Education and Didactics (REOD) will foster exchanges between teachers, didacticians and physicists. Three sessions will address:
. **Optics teaching in primary and secondary education**
. **Optics teaching in higher education**
. **Didact tools, LightBox, SHIRE, ...**

OPTIQUE BFC 2026 in Numbers

✓ +650 participants
✓ +45 industrial exhibitors
✓ 5 awards presented by the SFO
✓ +7h30 plenary sessions
✓ +80h thematic sessions
✓ +250 oral presentations
✓ +200 posters
👉 More information: www.sfoptique.org


CONGRESS
OF THE
SFO
French optical society
July 06/10, 2026
OPTIQUE
BOURGOGNE
FRANCHE COMTÉ
WELCOME TO DIJON, FRANCE
2026
www.sfoptique.org

EOS European Optical Society

Switzerland:
SSOM Microscopy Section Fall Meeting

Bern, 18 November 2025

Norway:
Norwegian Electro-Optics Meeting 2026

Moss, 22–24 April 2026

Finland:
Optics & Photonics Days, OPD

Jyväskylä, 26-28 May 2026

France :
OPTIQUE BFC 2026

Dijon, 6-10 July 2026

Portugal:
7th International Conference on Application of Optics and Photonics

Lisbon, 7-10 July 2026

United Kingdom:
Photon 2026

Newcastle University,
Newcastle-upon-Tyne, 31 August – 3 September 2026

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EOSAM 2025 in Delft, the Netherlands

EOSAM was attended by 440 attendees, including top researchers, key leaders, students, and industry experts from over 30 countries worldwide. EOSAM 2025 was organized in collaboration with TU Delft. With 10 plenary sessions, 12 tutorials, 54 technical sessions, 82 posters, networking events, and an exhibition featuring 19 companies, the conference week was packed with opportunities to engage, gain valuable insights into the field of photonics, and share knowledge.

JOIN EOSAM 2026, 24-28 AUGUST IN TAMPERE, FINLAND

Save the date and join the EOSAM to connect, catch up, and network alongside the intriguing conference program. Join and explore the latest topics and emerging trends featured at the next EOSAM, held in Tampere, Finland, 24-28 August 2026. Submission opens at the end of 2025.

Journal of the EOS - Rapid Publications: Impressive new metrics

JEOS-RP Journal of the EOS European Optical Society

JEOS-RP is a valued and trusted publication among the optics community. EOS is delighted to see this reflected once again in both the 2025 Journal Citation Reports™ by Clarivate Analytics, and the Elsevier's CiteScore rankings. The Impact Factor is now 3.2, the immediacy index reaches 0.9, and the CiteScore increased to 3.6! These improvements are achieved without losing the fast publication times of JEOS-RP. Ready to publish in JEOS-RP? Find out more about the Journal: jeos.edpsciences.org

Explore Your Future in Photonics with CARLA Career Camps

360 Carla Photonics Career Development Programs

CARLA career camps offer students a unique platform to discover the diverse opportunities within the field of photonics. Following EOSAM 2025, TU Delft hosted a dynamic two-day CARLA Camp that highlighted career paths in both industry and academia. Don't miss the chance to explore your future in photonics — join the upcoming CARLA Camp, organized by EOS with local partners, in Grenoble, 23-25 March 2026.

Exploring the wonders of light: Institut d'Optique opens its doors for the "Fête de la Science"

In 2025, the Institut d'Optique organized two events for the first time as part of "Fête de la science*": one on its Paris-Saclay campus and the other on its Bordeaux campus. The Institut d'Optique thus reaffirms that sharing and disseminating science is at the heart of its mission.

Paris-Saclay Campus

On Saturday, October 4, and Sunday, October 5, the Institut d'Optique was pleased to welcome nearly 300 visitors to its Paris-Saclay campus.
These two days gave the general public the opportunity to visit the Laboratoire Charles Fabry and experiment with engineering students in workshops on human vision, optical communications, and lasers. Visitors also took part in games and interactive activities, created for the occasion, to better understand the amazing world of photonics.

Bordeaux Campus

From October 9 to October 11, the Institut d'Optique and ALPhANOV joined forces at Institut d'Optique d'Aquitaine to offer a comprehensive overview of the photonics sector to more than 340 visitors.
The first two days were dedicated to high school students, who were invited to discover the world of photonics in a hands-on way: immersion in laboratories and discussions with professionals about lasers, optical fibers, quantum physics... It was a great opportunity to illustrate the concepts taught in class in a practical way... and, who knows, perhaps inspire a few future careers!
On Saturday, the general public was invited to visit the LP2N and ALPhANOV laboratories, attend demonstrations, and participate in a conference led by Philippe Lalanne, physicist, on the famous Young's double-slit experiment.

These two events had a dual purpose: make the science of light accessible to everyone, and highlight the wide range of training opportunities, the diversity of careers, and the enthusiasm of an entire community committed to passing on their passion for photonics.

** French national event promoting science to all.*

THE STARLIGHT+ JOINT LABORATORY CELEBRATES ITS 10th ANNIVERSARY

Laboratoire Photonique, Numérique et Nanosciences (LP2N, CNRS/Institut d'Optique/Université de Bordeaux) and TOPTICA Photonics SAS celebrated the 10th anniversary of their joint laboratory, Starlight+, which was founded in 2014.

Specializing in fiber lasers and amplifiers, TOPTICA develops high-precision technologies for industry and quantum computers. Its lasers are based on rare-earth-doped fibers, offering power, stability, and low noise. To measure and further reduce the noise of its lasers, TOPTICA partnered with LP2N, whose complementary expertise was decisive.
Their collaboration, initially planned for three years, has been successfully extended for more than a decade. Their partnership has resulted in 25 publications, four CIFRE theses, and numerous awards.
With the growing need for lasers for quantum computing, Starlight+ intends to continue this collaboration for at least another ten years!

Source : CNRS

In brief

Congratulations to Christophe Salomon, laureate of the 2025 Balzan Prize for his research on ultra-cold atoms, which led to the development of atomic clocks that revolutionized time measurement. Christophe Salomon is Director Emeritus of Research at the CNRS at the Kastler Brossel Laboratory. He is also a member of the French Academy of Sciences and Chairman of the Board of Directors of the Institut d'Optique.

AGENDA

- **Optics without calculations**
  December 02-04th
- **Optical Design with Zemax® / OpticStudio - Introduction**
  December 02-05th
- **Optical Design with Zemax® / OpticStudio - Advanced**
  Decmber 09-11th
- **Low-light vision and photon-counting imaging**
  December 15-18th
- **Basics of optics**
  March 11-13th
- **Optical manufacturing and optical metrology**
  March 17-20th and March 31 to April 04
- **Wavefront sensing**
  March 19-20th
- **Design of optical imaging systems**
  March 24-27th

CONTACT

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News

- 20 new master students from all over the world have joined NANO-PHOT and started their academic year in Sept. 2025

- NANO-PHOT has co-organized/ sponsored the 27th General Meeting of the French Physical Society. https://cgsfp2025.sciencesconf.org/?forward-action=index&forward-controller=index&lang=en that took place at UTT on June 30-July 4, 2025. An exceptional congress with the participation of two Nobel Prize winners

- NANO-PHOT researchers and students have attended the META conference https://metaconferences.org/META25/index.php/META/index in July 2025 in Spain

- From October 8 to 12, 2025, during the science festival, more than 65 workshops led by 120 people were presented, including nano-sculpture supported by NANO-PHOT: https://www.fetedelascience.fr/nanosculptures

AGENDA

- **Prof. Alexander Govorov from Ohio University will visit UTT for 2 months from November 2025. He will be hosted by NANO-PHOT**

- **NANO-PHOT will participate and hold a booth at the Master trade show in Paris in January 2026. https://salon-masters-ms-et-mba-paris.salon.letudiant.fr/**

CONTACT

https://nano-phot.utt.fr/
nanophot@utt.fr

From Cochin to Troyes: Student Voices

From the southern part of India, students from the Cochin University of Science and Technology (CUSAT), have enrolled as exchange students at the Université de Technologie de Troyes (UTT), Troyes as part of the Memorandum of Understanding (MoU) between the universities. With exuberant attitudes and a passion for learning, these students have jointed the NANO-PHOT graduate school and are here to give it their all and explore the French culture.
"Our journey from Cochin to Troyes has given us a glimpse on the vast difference in the environments, enabling us to become autonomous, resilient and harmonious with other peers in a multi-cultured environment." says, one of the students from CUSAT.
CUSAT is one of the top leading universities in India offering structured courses on engineering, business, arts, and sciences, especially photonics. The students are equipped with skills on problem-solving, communication and collaboration and a deep theoretical knowledge on the basics regarding the subjects while maintaining a curiosity for the students to explore further.
The exchange students have relished their first taste in the French university. They believe that the lectures and training offered in the labs are valuable, as they help build confidence for their future careers in photonics. They also feel that coming to UTT was an excellent decision, as it has allowed them to surpass their own expectations.

National award for a researcher working in our graduate school

A specialist in optical sensors and two-dimensional materials, Shuwen Zeng explores the interactions between light and matter at scales invisible to the naked eye. From Singapore to Troyes, her research career combines physics, engineering, and new technologies. Now a CNRS research fellow at the L2n Lab, she designs ultra-sensitive sensors to detect minute traces of molecules, with potential applications in health, the environment, and security. Shuwen Zeng has just been awarded a bronze medal by the CNRS.

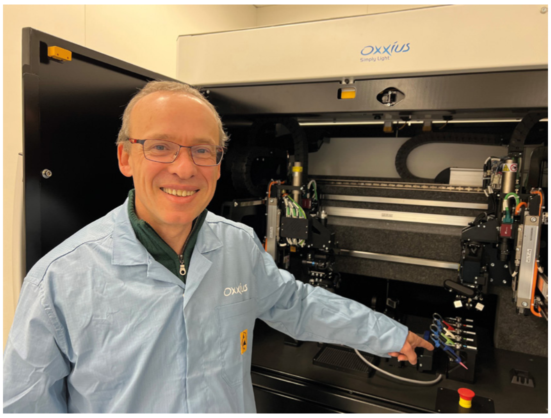
MID-TERM EVALUATION OF NANO-PHOT

An international jury has evaluated NANO-PHOT 5 years after its launch. The report is extremely positive, with pertinent and constructive recommendations.
This evaluation enables NANO-PHOT to take a decisive step forward: maintaining the funding and confidence of the Ministry within the framework of the national PIA program, and continuing the ambitious development of the graduate school. Thank you to all those involved at UTT and URCA, and especially to the students!

Monolithic Design Is Transforming the Laser Market

In this article, Jérémy Picot-Clémente, EPIC's Photonics Technologies Program Manager, talks to Thierry Georges, President and Technical Director at Oxxius, a French designer and manufacturer of advanced laser systems.

What are the advantages of your laser systems?



Since we were founded in 2002, we've developed a range of continuous and modulated monolithic diode pumped solid-state (DPSS) lasers that incorporate a proprietary monolithic resonator that integrates all critical optical components—such as the gain medium, frequency conversion crystals, and resonator mirrors—into a single, ultra-low-loss optical block.
The advantages of our lasers are that compared with conventional ion and gas lasers they eliminate the need for alignment. Additionally, they are more compact, more reliable, more stable, and more robust – making them ideal for a wide range of applications such as interferometry, Raman spectroscopy, and fluorescence microscopy.

What is your added value compared to your competitors in the DPSS laser market?

What sets our lasers apart from our competitors is the lifetime of our products. The typical lifetime of a DPSS laser is up to 40,000 hours. In comparison, the lifetime of our monolithic DPSS lasers is up to 100,000 hours - due to the robust monolithic design, no alignment-sensitive components and the use of long-life diode pumps and high-quality crystal bonding.

What are your main business challenges?

Our main customers are instrument makers, *e.g.*, microscopes and Raman spectrometers. The problem with these types of companies is that they make a new generation of products only every 5-8 years, and when they do, they have to decide whether to keep their existing laser supplier or look for a new one. Consequently, the window of opportunity to get new customers is only once every five or eight years.

How do you see the future?

Two years ago, we launched a fourth generation of product that allows the use of nonlinear crystals that are good for short wavelengths and high power. Having little or no limitations in either wavelength or power means we will be able to develop a lot of new products in the UV and blue wavelengths. So, over the next 4-5-years we expect to at least to triple our revenue and increase production of our laser systems from 1,500 to 5,000.

What's your main piece of advice to the next generation of entrepreneurs?

If you make a product or you have an idea, don't keep it in your lab, think about how you can turn it into a company. You may not be successful the first time, but you will learn a lot of things. In the recent past, failure was seen as very negative in France. But now, fortunately, you are allowed to fail. In the worst case scenario, you can go back to university or become an advisor to a company.

SAVE THE DATE

- **EPIC Technology Meeting on Microelectronics & Photonics – Two Sides of One Coin at attocube**
  17 November 2025. Munich, Germany
- **EPIC Technology Meeting on Cancer Pathology, Therapy and Surgery at Gustave Roussy**
  3-4 December 2025. Paris, France
- **EPIC Technology Session at OPTRO – Defense Photonics: Technology, Integration and Applications**
  4 February 2026. Marseille, France
- **EPIC Technology Meeting on Integrated Photonics and Packaging at PHIX**
  24-25 February 2026. Enschede, The Netherlands
- **EPIC Technology Meeting on Photonics for Defense: Securing the Future at Exosens**
  11-12 March 2026. Toulouse/Brive, France
- **EPIC AGM & SUMMIT 2026**
  28-30 April 2026. Juan Les Pins, Nice, France
- **EPIC Technology Meeting on Optical Fiber Sensors at Airbus**
  19-20 May 2026. Hamburg, Germany
- **EPIC Technology Meeting on Photonics for Quantum Technologies at Fraunhofer HHI**
  16-17 June 2026. Berlin, Germany
- **EPIC Technology Meeting on Photonics for AR: the Tipping Point at EssilorLuxottica**
  13-14 October 2026. Milan, Italy
- **EPIC Technology Meeting on New Developments for Laser Microprocessing at Amplitude**
  4-5 November 2026. Talence, France

NEW MEMBERS

Welcome to our new members:
Milexia France has been marketing high-tech scientific instruments since 1981. The company specializes in microscopy and analysis.
Polytech Paris-Saclay is the engineering school of the Université Paris-Saclay, It trains students in 4 specialties (Electronics, Computer Science, Materials and Photonics).
Ausmosys designs and manufactures high-precision mechatronic and robotic systems for advanced semiconductor tools, metrology platforms, and scientific instruments.
Iota Metrix develops non-destructive optical metrology solutions for surface and volume characterization with a resolution of less than 100 nm.
Themis Technologies is a manufacturer of special-purpose machines integrating various laser processes in all sectors of activity.
Join Photonics France and benefit from a wide range of services to help you develop your professional network and activities. It also means contributing to the strong representation of the French photonics industry in dealings with public authorities.

AGENDA

- **French Photonics Days**
  November 6-7 – Orsay
- **SPIE Photonics West**
  January 17-22 – San Francisco
- **Photonics France Annual Meeting**
  April tbc - Paris
- **SPIE Photonics Europe**
  April 12-16 – Strasbourg

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Photonics France annual meeting

Last September, Marc Ferracci, Minister of Industry, welcomed representatives from Photonics France to the Ministry of Economy. They were accompanied by Éric Bothorel, Member of Parliament for Côtes-d'Armor.

The discussion focused on French excellence in the field of photonics. Member companies of Photonics France raised the issue of the world's geopolitical situation that are hampering their international development. They requested the support for the Position Paper of Photonics 21 which proposes €2 Billion of funding for photonics technologies in the next Framework Programme (FP10) for Research and Technological Development (PCRD) created by the European Union.
Representative companies from the photonics sector were present: Safran, Thales, EssilorLuxottica, Exosens, HEF Groupe, Amplitude Laser, Bertin Technologies, Oxxius, Imagine Optic and Fiber Optics Group.

PHOTONICS BENEFITS
FROM SIGNIFICANT FUNDRAISING

Several recent photonics projects, including members of Photonics France, have just announced fundraising initiatives that demonstrate the excellence of the French industry.

French startup Scintil Photonics has raised €50 million with the support of NVIDIA. Originally from CEA-Leti in Grenoble, the company manufactures integrated photonic circuits on silicon. It plans to use this Series B funding to recruit in France and abroad and accelerate production of its "Leaf Light" laser source.
Cailabs, a global specialist in advanced photonics, has announced a €57 million financing round to strengthen its industrial development and international expansion. This round combines €37 million in financing from the European Investment Bank (EIB) and €20 million from various investment funds.
The STARLight project is based on a consortium of 24 technology companies and universities led by STMicroelectronics, representing 11 EU countries. The CEA, Thales, and ALMAE TECHNOLOGIES are part of the project. The goal is to make Europe a leader in the field of silicon photonics.

Photonics PhD Days:
Inspiring the Next Generation of Photonic Entrepreneurs

The 4th edition of the Photonics PhD Days took place in Lannion, co-organised by Photonics Bretagne, Anticipa Technopole, ENSSAT and the Foton Institute, from September 24th to 26th. This unique 3-day, English-speaking event gathered French and international PhD students to explore careers and entrepreneurship in photonics. Centred around our signature “PhD to Start-Up” workshop, the programme included conferences, PhD pitches, a poster session, one-to-one meetings with company founders and leaders, and visits to local actors such as IDIL Fibres Optiques, Kerdry – HEF Group, Orange Innovation, Foton Institute, and Photonics Bretagne. The event’s goal was to awaken the entrepreneurial spirit of young researchers. Mission accomplished, as several participants are now considering launching a start-up! The 2025 edition once again offered everyone a wonderful and memorable experience, against the backdrop of the Breton coast and under a radiant sun.

Highlighting Photonics Innovation
at ECOC 2025 in Copenhagen

Photonics Bretagne was proud to attend ECOC, the European Conference on Optical Communication, in Copenhagen from September 28th to October 2nd. The event gathered the global optical communication community, and it was a pleasure to meet so many of our members on-site, including BKTEL PHOTONICS, Data-Pixel, Ekinops, Orange Lannion, Exail, Idea Optical, Wavetel, ALPhANOV, Tematys, and Le Verre Fluoré. Their strong presence at ECOC once again highlights the dynamism of the Breton and French photonics ecosystem. At our booth, visitors had the opportunity to discover our portfolio of specialty optical fibres, designed for the most advanced telecom and sensing applications. These include our anti-resonant fibre for low-latency transmission and power delivery, our hollow-core fibre optic cables for ultra-low latency data transmission, our bismuth-doped fibre for O-Band amplification, and our multi-core fibres (2, 7, or 12 cores) dedicated to sensing, telecom, and laser systems. Photonics Bretagne was also honoured to be invited as a speaker and panellist at the workshop “Is Hollow-Core Fibre Ready for 6G? – Technologies and Standards.” This was a great opportunity to exchange ideas on the challenges and future perspectives of hollow-core fibres and cables in next-generation telecom networks.

OPEN DE L’INDUSTRIE:
CONFERENCE BY PHOTONICS BRETAGNE, MAUPERTUIS INSTITUTE, KERDRY

The Open de l'Industrie is THE annual event for Breton manufacturers and was held this year in Lannion. As a partner and exhibitor at the event, Photonics Bretagne also gave a presentation alongside the Maupertuis Institute and Kerdry – HEF Groupe on the many interesting opportunities that photonics technologies offer to all sectors of industry.

Cailabs Secures €57 M and Partners
with SES to Advance Optical Communications

Cailabs has raised €57 million to accelerate the industrial scale-up of its optical ground stations and expand globally. In parallel, Cailabs has partnered with SES, a leading space solutions company that wants to test Cailabs' optical ground stations to send data from space using laser beams instead of radio waves. Thanks to optical communication, SES will be able to boost data transmission speeds, provide more secure links, and help alleviate congestion in increasingly crowded radio frequency bands. Using its Multi-Plane Light Conversion technology, Cailabs is able to maintain a clear and powerful laser signal despite atmospheric turbulence. The partnership marks a major step forward for optical communications, which use light beams to transmit data at speeds of up to 10 gigabits per second—about 100 times faster than typical home internet. Unlike traditional radio signals, laser beams are nearly impossible to intercept or jam, making them ideal for secure government and business communications.

AGENDA

- **Up & Space**
  9 December, Lannion (France)
- **France Innovation Defence, Security & Aerospace Meetings**
  11 December, Online [Ask for your discount code]
- **Photonics West**
  17-22 January, San Francisco (United States)