

OPTICA

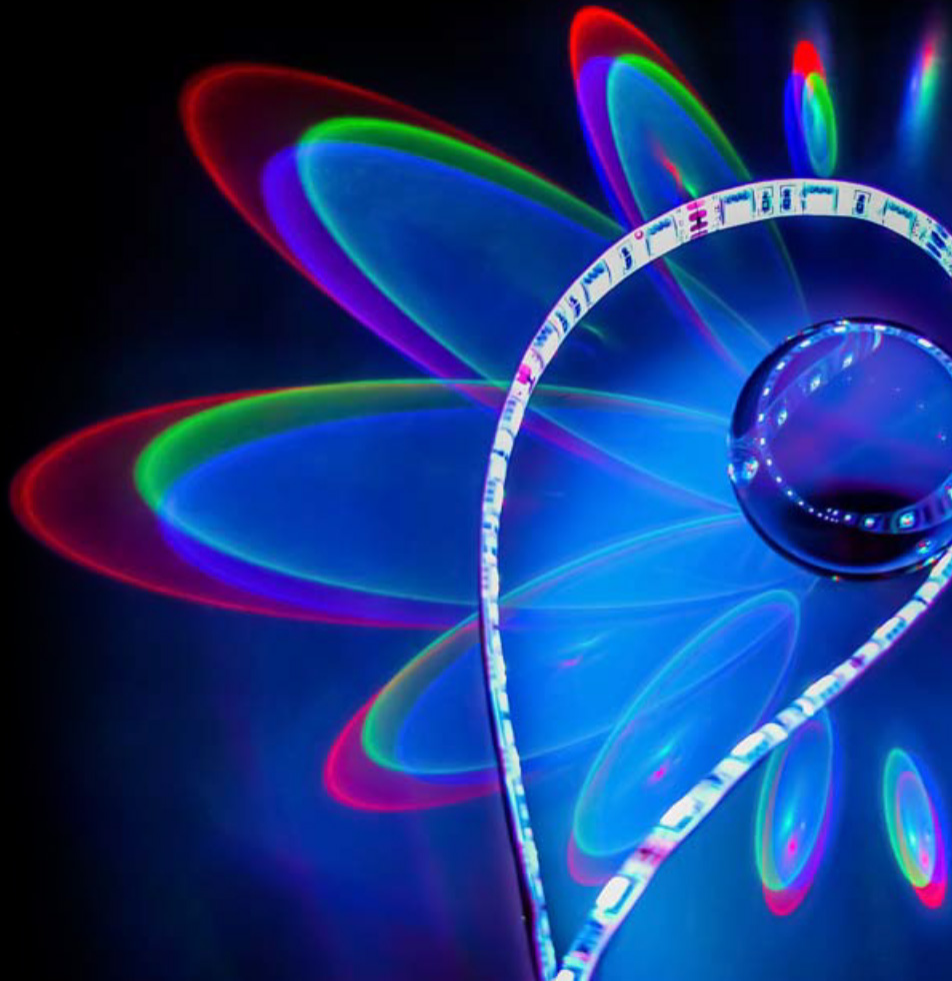
Advancing Optics and Photonics Worldwide

Formerly
OSA

About Optica

Presented by
Claus Roll, Director, Europe

12 May 2023



Our Purposes, Vision and Core Values



Purposes

Scientific, Technical & Educational

Vision

To be the leading global forum for light science and technology

Core Values

I⁴ = Innovation, Integrity, Inclusivity, and Impact

Examples of initiatives in Europe

Supporting partner societies,
startups, PhD students and
young researchers



The screenshot shows the OPTICA website interface. At the top, the logo 'OPTICA' is displayed next to 'Formerly OSA'. A navigation menu includes 'PUBLICATIONS', 'EVENTS', 'MEMBERSHIP', 'INDUSTRY', 'CAREERS', 'FOUNDATION', 'GET INVOLVED', and 'ABOUT'. The main content area features a sidebar with 'About' and 'Optica Community' sections. The main article is titled 'From PhD to CEO: Making an Exciting Leap into Business' and includes a sub-headline 'Ever wondered what challenges you might face when not only transitioning to industry but also when setting up your own business?'. The text describes a webinar series where young European entrepreneurs share their stories of moving from the lab to the executive office, a joint initiative of Optica and the EPS Young Minds Program.



Examples of initiatives in Europe

Supporting graduate schools with finding students

The screenshot shows the OPTICA website interface. The top navigation bar includes 'PUBLICATIONS', 'EVENTS', 'MEMBERSHIP', 'INDUSTRY', 'CAREERS', 'FOUNDATION', 'GET INVOLVED', and 'ABOUT'. The main content area features a 'Staff Tools' section with an 'ADD AN EVENT' button, an 'Events' section with an 'Archives' link, and a social media share bar. The event title is 'Navigating Graduate School Abroad / Optics and Photonics Graduate Education in Germany', dated 13 November 2020, 17:00 - 19:30 in Amsterdam. A video player is embedded, showing a 'Welcome!' message with a play button and a 'share' icon.

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The screenshot shows the OPTICA website interface. The top navigation bar includes 'PUBLICATIONS', 'EVENTS', 'MEMBERSHIP', 'INDUSTRY', 'CAREERS', 'FOUNDATION', 'GET INVOLVED', and 'ABOUT'. The main content area features a 'Staff Tools' section with an 'ADD AN EVENT' button, an 'Events' section with an 'Archives' link, and a social media share bar. The event title is 'Navigating Graduate School Abroad: Optics and Quantum Technologies in the Berlin/Germany Region', dated 10 June 2021, 16:00 - 17:30 in Amsterdam.

Examples of initiatives in Europe

Co-organizing networking events, Laser World of Photonics Fair



Examples of initiatives in Europe

Organizing sessions about global aspects

Photonics Days Berlin Brandenburg 2021

October 4 - October 7, 2021 | Berlin-Adlershof | WISTA, Germany

16:00 - 18:00

Trends in european photonics in a
more global supply chain

ONLINE

Panelists:

John Dexheimer, President, LightWave Advisors, Inc.

Ruth Houbertz, Managing Director & Owner, ThinkMade Engineering & Consulting

Sven Kiotke, CEO, asphericon

Chair

Dr. Claus Roll, Director, Optica Europe

Tom Hausken, Optica

The optics and photonics industry is global, with companies commonly headquartered in one continent, manufacturing in another, and selling to a customer in another. They also compete globally, even often buying or selling to their competitors. The conventional wisdom is that fair global competition is good in the long run for both specific companies and the industry overall. But while companies want to compete in foreign markets, they aren't eager to invite competition to their own markets. Moreover, a global industry also means that not only do products cross borders, but capital crosses borders too. International mergers and acquisitions can create exits for investors, but a loss of control, possibly a loss of jobs. How can companies protect vulnerable supply chains? How do government trade agencies balance these competing interests? Come hear what our panelists have to say from different perspectives, and join the discussion.

Examples of initiatives in Europe

Supporting initiatives to bring young people in optics and photonics



Examples of initiatives in Europe

Supporting events and programs in Europe



Examples of initiatives in Europe

Organizing workshops



Further workshops to come, with additional content

OPTICA
FOUNDATION



SCHOOLS AND TRAINING PROGRAMS

Now back in-person.

- Career Accelerator
- Innovation School
- Siegman International School on Lasers
- Subsea Optical Fiber Communications School



HÄNSCH PRIZE IN QUANTUM OPTICS

Announcing a new
opportunity to be
recognized for excellence
in quantum research.

Founding donors

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.....

THORLABS



\$2.8M+

Disbursed to
beneficiaries.

11,200

Student and early-career
beneficiaries impacted.

1,000

Engagements with donors and
volunteers.

\$0

Spent on labor and
overhead costs.

Thank you!

Claus Roll, Director, Europe

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