



By dedicating ourselves to serving the photonics industry, we have become the largest photonics industry association in the world.

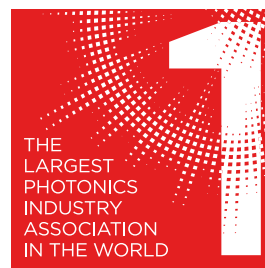
EPIC ACTIVITY REPORT 2020

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INTERACTIVE CONTENT

This year's activity report is an interactive document. Click on the content of your interest above to go directly to its page. Click on the EPIC logo to return to the table of content. On the pages themselves there are boxes like this to discover the interactive content available. We have included direct links to YouTube recordings, to articles and more...



FOREWORD

Adapting to changing times. With the global health situation impacting businesses all over the world, many of us had to adapt to cope with employees working from home and finding new ways of doing business due to all the travel restrictions. It was good to see EPIC rise up the challenges of 2020 and adapting so quickly for the benefit of its members.

Action and Engagement. We organised 80 meetings and events in which we engaged 2087 industry professionals from 1231 companies in 44 countries. We launched new member services like the EPIC Members Product Release and the Mentors in Photonics website, where members can reach out to other members for guidance on leadership, on expanding to new territories and other advices.

Leading Industry Association. The choices to push even harder than ever has resulted in an amazing growth of members. As a result of this, EPIC is now the largest photonics industry association in the world with over 650 corporate members. Even in this tough year, EPIC managed to continue advocating photonics to strengthen the photonics community in Europe.

Expanding Activities. For next year, we envision even more and better services. EPIC has expanded its team in 2020 with an Innovation Manager and a Public Relations Manager to lead the teams, and in early 2021 we expanded the team further with a new Head of Photonics Market Research, enabling EPIC to publish market reports tailored to the needs of its members.

We are looking forward to the continuation of our physical meetings, hoping that this is possible in the second half of 2021, as they are key to building trust and for in-depth brainstorming discussions.

Finally I want to express our gratitude on behalf of the Board of Directors to the EPIC team, who have been working very hard in these difficult times, and have shown with their creativity, how to continue adding value for our members.



Benno Oderkerk
EPIC President



EPIC – European Photonics Industry Consortium – is an industry association that promotes the sustainable development of organisations working in the field of photonics. We foster a vibrant photonics ecosystem by maintaining a strong network and acting as a catalyst and facilitator for technological and commercial advancement.

EPIC is owned by its members and managed by its board of directors

- Basil Garabet, President & CEO, NKT Photonics (Denmark)
- Benno Oderkerk, CEO, Avantes (The Netherlands) President of EPIC
- Christian Bosshard, Vice President, Head CSEM Center MuttENZ (Switzerland)
- Jan Meise, CEO, AMS Technologies (Germany)
- Martin Schell, Director, Fraunhofer HHI (Germany)
- Maurizio Gattiglio, Chairman & CEO, Convergent Photonics (Italy)
- Samuel Bucourt, CEO, Imagine Optic (France)

INTERACTIVE CONTENT
Click on any of the names or pictures to connect with them on LinkedIn.



EPIC Board of Directors meeting hosted by Imagine Optic in France

EPIC publishes market and technology reports, organizes technical workshops and B2B round-tables, takes part in advocacy and lobbying, promotes education and training activities, sets standards and roadmaps, hosts pavilions at exhibitions, connects with investors, scouts companies, and helps recruit skilled talent.

EPIC is supported by a team of dedicated employees

- Ana Gonzalez, PhD, R&D Manager
- Anna Feis, MSc, CFO & Director of Human Resources
- Antonio Raspa, Innovation Manager
- Auri Ripoll, MSc, Marketing Manager
- Carlos Lee, MBA, Director General
- Elena Beletkaia, PhD, Project Leader
- Francesca Moglia, PhD, Project Leader
- Helena Jelinkova, Events Manager
- Jessica van Heck, BEng, Marketing Manager
- Jose Pozo, PhD, Director of Technology
- Neringa Noreikienė, MSc, Events Manager
- Sana Amairi-Pyka, PhD, Project Leader
- Sharara Qasemová, Event Manager
- Susette Germer, PhD, Public Relations Manager
- Tracey Vanik, Head of Photonics Market Research



Membership Fee

Company with annual revenue above EUR 250 million	EUR 10200
Company with annual revenue between EUR 100-250 million	EUR 8160
Company with annual revenue between EUR 50-100 million	EUR 6120
Company with annual revenue between EUR 10-50 million	EUR 4080
Company with annual revenue below EUR 10 million	EUR 2040
Start-up (510 EUR year 1, 510 EUR year 2, 1020 EUR year 3, 1530 EUR year 4, 2040 EUR year 5)	EUR 510-2040
Technology Research Organization, University	EUR 2040
Cluster, Association	EUR 2040
Regional Development, Government Agency	EUR 2040

EPIC strengthens the connections among its members by creating fora to meet, to discuss challenges and opportunities, and to explore collaboration possibilities. In 2020, there was only a limited period to meet physically. Therefore, EPIC introduced almost 80 online meetings and events to ensure continued networking opportunities. EPIC members drive the agenda and have registration priority at all association events.

1. 24 Hours World Photonics Tour featuring 72 presentations
2. EPIC Members New Product Launch - HySpex
3. EPIC Members New Product Release - October 2020
4. EPIC Members New Product Release - November 2020
5. EPIC Members New Product Release - December 2020
6. EPIC Members Online Meeting on Coronavirus Impact & Possible Concerted Actions
7. EPIC Members Webinar on Working from Home & Managing Remote Teams
8. EPIC Online Meeting on Coronavirus Impact on the Photonics Supply Chain
9. EPIC Online Meeting on Successful Recruitment in Photonics: EO Executives
10. EPIC Online Meeting on The Impact of COVID-19 on Recruitment
11. EPIC Online Spring Networking Party
12. EPIC Online Technology Meeting on 3D Printing
13. EPIC Online Technology Meeting on 3D Sensing
14. EPIC Online Technology Meeting on ADAS and Autonomous Driving
15. EPIC Online Technology Meeting on Advanced and Additive Metal Manufacturing
16. EPIC Online Technology Meeting on Atomic Clocks and Quantum Sensors
17. EPIC Online Technology Meeting on Automotive Lighting
18. EPIC Online Technology Meeting on Beyond 400G (in cooperation with COBO & EA)
19. EPIC Online Technology Meeting on Biosensors
20. EPIC Online Technology Meeting on Blue and UV Laser Diodes
21. EPIC Online Technology Meeting on Co-packaged Optics (in cooperation with COBO & EA)
22. EPIC Online Technology Meeting on Datacenter Interconnects (in cooperation with COBO & EA)
23. EPIC Online Technology Meeting on Endoscopy
24. EPIC Online Technology Meeting on Environmental Monitoring
25. EPIC Online Technology Meeting on Femtosecond Lasers
26. EPIC Online Technology Meeting on Fibre Sensing
27. EPIC Online Technology Meeting on Free Space Optical Communication and LiFi
28. EPIC Online Technology Meeting on Freeform Optics for AR/VR
29. EPIC Online Technology Meeting on Hyperspectral Imaging
30. EPIC Online Technology Meeting on Industrial Laser Manufacturing for Naval and Aeronautic Applications



EPIC launched a new service: EPIC Members New Product Release. We encourage EPIC Members to sign up and share their news with the world.

INTERACTIVE CONTENT

Hover over the meeting names or images and click to view this meeting on YouTube.

EPIC held an industry premiere by organising the first ever 24 Hours World Photonics Tour.

"I have been following a lot of the online content, and feel like EPIC has really risen to the challenge, and is very much helping the photonics community."

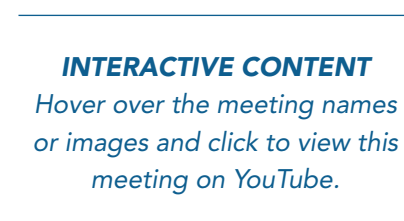
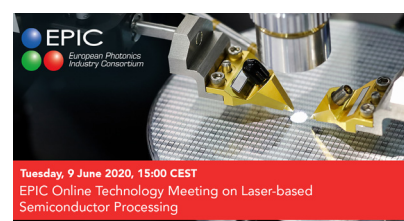
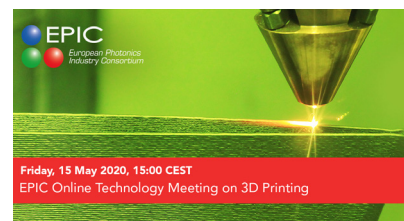
Tom Watson, Senior Physicist Medical Technology Division at Cambridge Consultants

"I would like to congratulate the EPIC team for their online technology meetings, as they are offering a very effective platform for interacting and getting in touch with interesting partners. EPIC is really helping the photonics community!"

Stefano Prandoni, Director Sales Europe at Bandwidth10

31. EPIC Online Technology Meeting on In-vivo Imaging
32. EPIC Online Technology Meeting on IR Imaging for Security and Surveillance
33. EPIC Online Technology Meeting on Laser Beam and Pulse Shaping
34. EPIC Online Technology Meeting on Laser Beam Welding
35. EPIC Online Technology Meeting on Laser Glass Processing
36. EPIC Online Technology Meeting on Laser-based Semiconductor Processing
37. EPIC Online Technology Meeting on LIDAR Technology and Applications
38. EPIC Online Technology Meeting on Lithography
39. EPIC Online Technology Meeting on Medical Lasers
40. EPIC Online Technology Meeting on Micro-LED for Automotive Lighting (in cooperation with DVN)
41. EPIC Online Technology Meeting on Micro-LED Technology and Applications
42. EPIC Online Technology Meeting on Micro-optics Manufacturing
43. EPIC Online Technology Meeting on Microscopy
44. EPIC Online Technology Meeting on Microwave Photonics
45. EPIC Online Technology Meeting on Mid-IR Photonics

46. EPIC Online Technology Meeting on New Pluggable Transceivers (in cooperation with COBO)
47. EPIC Online Technology Meeting on Ophthalmology
48. EPIC Online Technology Meeting on Photonics Integrated Circuits for Sensing Applications
49. EPIC Online Technology Meeting on Photonics Integrated Circuits Testing
50. EPIC Online Technology Meeting on Photonics for Dermatology and Aesthetic Applications
51. EPIC Online Technology Meeting on Photonics for Improved Pharma Processes
52. EPIC Online Technology Meeting on Photonics for Medical Devices
53. EPIC Online Technology Meeting on Photonics for New Space
54. EPIC Online Technology Meeting on Photonics for Solar Energy Systems
55. EPIC Online Technology Meeting on Photonics for the Food and Beverage Industry
56. EPIC Online Technology Meeting on Photonics Packaging and Testing
57. EPIC Online Technology Meeting on Photonics Systems for High-end Research
58. EPIC Online Technology Meeting on Polymer Optics
59. EPIC Online Technology Meeting on Precision Horticulture and Agriculture
60. EPIC Online Technology Meeting on Quantum Communication & Quantum Key Distribution



INTERACTIVE CONTENT

Hover over the meeting names or images and click to view this meeting on YouTube.

"The EPIC Online Technology Meeting on Micro-LED for Automotive Lighting was great, perhaps the best in format I've seen so far. Results of the meeting have already begun to show!"

Lennart Brunnberg, CEO at Derema

"The EPIC Online Technology Meeting on New Space was a great experience. We got very productive discussions with some of the attendees. I am looking forward to attending upcoming EPIC events"

Grégory Pandraud, VP Research at Ommatidia

61. EPIC Online Technology Meeting on Quantum Computing
62. EPIC Online Technology Meeting on Robotics, Industrial LIDAR and Factory Automation
63. EPIC Online Technology Meeting on Specialty Optical Fibers
64. EPIC Online Technology Meeting on Structured Light and Computer Vision
65. EPIC Online Technology Meeting on Surface Disinfection and Antibacterial Surfaces (in cooperation with IUVA)
66. EPIC Online Technology Meeting on Surface Structuring
67. EPIC Online Technology Meeting on UV-LED-based Technologies and Applications
68. EPIC Online Technology Meeting on VCSEL Technology and Applications
69. EPIC Online Technology Meeting on Vision and Imaging Camera Systems
70. EPIC Online Technology Meeting on Water Quality Monitoring and Purification (in cooperation with IUVA)
71. EPIC Online TechWatch at COMPAMED High-Tech Forum by IVAM/MEDICA
72. EPIC Online TechWatch at ECOC Exhibition
73. EPIC TechWatch at CIOE
74. EPIC Virtual Company Tour at OQmented
75. EPIC Webinar on The State of IEEE 802.3 Ethernet
76. EPIC Webinar on Beyond 400G
77. EPIC Webinar on Biosensors for Virus Detection
78. EPIC Webinar on Towards a prototype of an anti-virus UVC-LED-based respiratory mask
79. EPIC World Photonics Technology Summit

INTERACTIVE CONTENT

Hover over the meeting names
or images and click to view this
meeting on YouTube.



INTERACTIVE CONTENT

Click on the EPIC World Photonics
Technology Summit banner to view
the full program with links to all video
and PowerPoint presentations.

Click on any of the photos to see the
entire photo album on Flickr.



EPIC builds a trusted photonics community by creating many networking opportunities among its members, customers and VIPs from the photonics industry. In this way, companies get to know each other better and people build a long-lasting trustful relationship. Although there were only limited chances to meet physically in 2020, EPIC is looking forward to the physical meeting and networking activities.

"The EPIC team is improving from one event to the next one, not only in the physical but also in the online world. Their efforts make connecting and interacting even faster with their meetings participants. Keep up the good work!!"

Simon Schwinger, Senior Manager Business Development at Jabil Optics

EPIC attends in most of the world leading industry events as we consider these valuable tools to stay connected with the photonics community. For many of these event, EPIC was invited to moderate panel discussions, chair conferences, or join as a speaker.

It was our pleasure to be present at the following events:

1. AngelTech Virtual Summit
2. ECOC virtual exhibition
3. EDA meeting
4. EUROBLECH Digital
5. German Evening Reception at Photonics West in San Francisco
6. IEEE 802.3 Standardization Meeting in Geneva
7. International Optoelectronics Association meeting in San Francisco
8. ISD ESA online event
9. Jenoptik New Year Reception
10. Journée Science et Progrès de la F2S in Paris
11. K4I at European Parliament
12. MEDICA online exhibition
13. Mexico Dia de la Luz
14. OFC in San Diego
15. OPTRO in Paris
16. Photonics West in San Francisco
17. Quebec International Reception in San Francisco
18. W3 Fair + Convention in Wetzlar



It was our pleasure to actively participate at the following events:

1. Chair the Aachen Polymer Days: Session Injection Molded Optics
2. Chair the AngelTech Virtual Summit
3. Chair the IPSR-International: launch new roadmap
4. Internal keynote presentation for Jenoptik
5. Internal keynote presentation for Huawei
6. Internal keynote presentation for Modulight
7. Internal keynote presentation for SMART Photonics
8. Internal keynote presentation for SOITEC
9. Moderated the Pilot Line session of AngelTech Online Summit
10. Opening presentation about Photonics Trends of 2020 at Excelitas Internal Sales Meeting
11. Presentation at the ENSEMBLE3 Project kick-off meeting in Warsaw
12. Presentation at the IIT Department of Physics, Delhi, India Student chapter
13. Presentation Mexico Dia de la Luz
14. Presentation at the SEAFOM online annual meeting
15. Presentation at the Photonic Integration Week in Valencia
16. Presentation at the Symposium on High-Tech Collaborative Innovation
17. Presentation for students of the Sorbonne University in Brussels
18. Welcome presentation at DVN New Technologies for Car Interior and Mobility
19. Welcome presentation at Photonics Days in Berlin
20. Welcome attendees at W3+ Fair Convention in Wetzlar

"The passion and energy of the EPIC team is a great driving force behind the collaboration. We look forward to working with the other members of EPIC."

Greg Sharp, Key Account Manager at JENOPTIK Optical Systems

"The EPIC Online Technology Meeting on Growing Needs for Ultrafast, High Power Laser Applications was fantastic! I was blown away by the great atmosphere in the meeting and by the reactions I got from participants. This was far beyond my expectations and gave a great boost to my network. I am looking forward to attending relevant upcoming EPIC events."

Dr. Pieter Baart, Principal Researcher Research & Development - Rolling, Finishing & Measurement at Tata Steel

EPIC believes in photonics and advocates this technology in many ways to support the industry, access information and services, and promote the benefits of photonics as an enabling technology.

EPIC Venture and Finance Workgroup

The EPIC Venture and Finance Workgroup is dedicated to the promotion of venture and finance activities among the association's members. EPIC's mission has always been to maximise the business development opportunities of its members through networking, information and partnering. The Venture and Finance Workgroup takes this a step further through a series of focused activities aimed at attracting investors to photonics, promoting trade investment among members, fostering SME development and cooperating with the public funding sector on the continuous improvement of financing conditions for photonics entrepreneurs. EPIC also maintains a list of investments and M&A.

www.epic-assoc.com/funding/venture-finance

Finance and investment

Photonics is a key pervasive technology that enables innovative and revolutionary solutions and products in diverse markets. To support potential investors to find their way in this dynamic market, EPIC organises several activities. In 2020, EPIC organised special lunches, meetings and visits to show investors the potential of photonics. We also visited the European Investment Bank and supported the Lithuanian ministry to send a letter to the European Investment Bank Advisory Hub requesting a Photonics Investment Report. In 2019, EPIC joined the advisory board of Innorate, specifically to bring innovation to finance and finance to innovation. Moreover, we surveyed 46 of our members specifically on the topic of investment to fine-tune our message to investors.

www.epic-assoc.com/message-to-investors

Voice of the photonics industry

As the voice of the Photonics industry, EPIC represents member interests throughout the year, working with policymakers, industry, associations and other stakeholders who are shaping the business and regulatory environment. Our collective voice is strong thanks to the active and direct involvement of our members. In 2020, EPIC has sent numerous lobbying communications to the European Commission. EPIC continuously pushes to ensure photonics is being recognised as a key enabling technology. Its success is reflected in the European Commission's "New Industrial Strategy for Europe" where photonics is specifically mentioned.

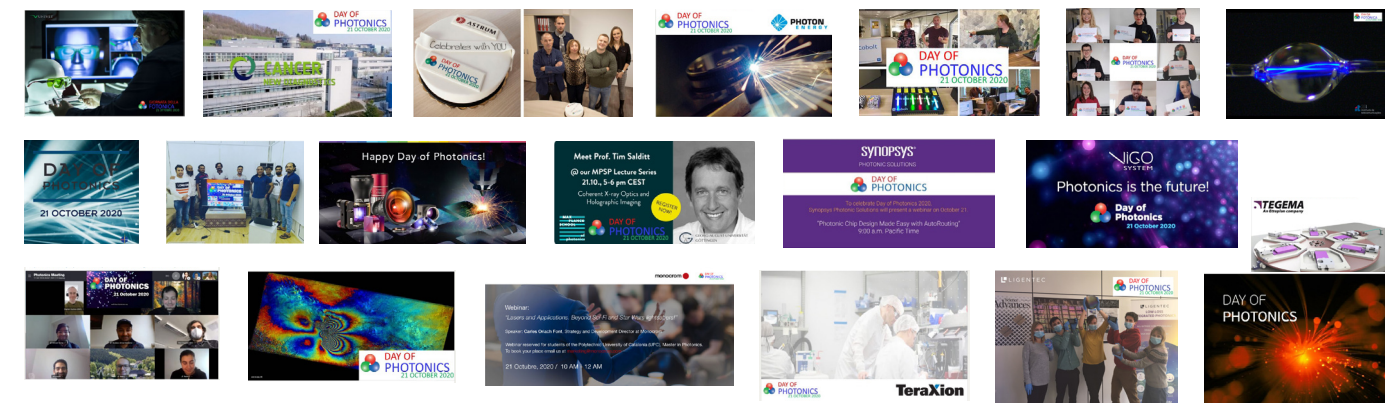
"The EPIC team is doing an amazing job in fostering this ever-growing network with a lot of great companies. We are proud to be part of this network and I think this is one of the strengths of the EPIC community: advocacy comes from EPIC's members; we are glad to promote the community."

Valentin Genuer, Business Developer at PHASICS

DAY OF PHOTONICS

DAY OF PHOTONICS is an annual event that specifically promotes the word "photonics" towards the general public. Companies, research organizations, and organizations involved in photonics reach out to their communities to raise awareness about what is photonics and why it is important, and promote the role of their organization in the photonics ecosystem and value chain. In 2020, more than 100 activities were organised for the DAY OF PHOTONICS.

www.day-of-photonics.org



INTERACTIVE CONTENT

All URLs on this page are clickable and take you straight to the page. Click on the DAY OF PHOTONICS banner to view all activities on Flickr.



EPIC is also active in several committees

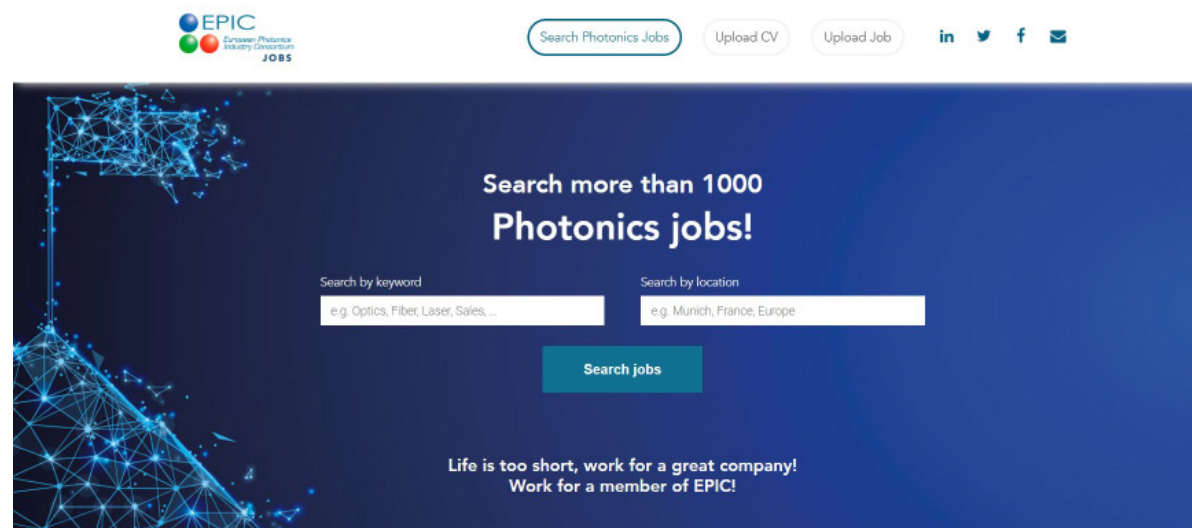
1. CESA – Committee member of Conference on Automotive Electronics
2. ECIO – Committee member of European Conference on Integrated Optics
3. EDA – European Defence Agency CapTech Member of EOST Electro-Optical Sensors Technologies
4. EPVF – Jury member of the European Photonics Venture Forum
5. ESTC – Committee member of European System Integration Technology Conference
6. FOAN – Committee member of Fiber Optics in Access Networks
7. IEEE – Committee member of the IEEE Photonics Society Industry Engagement
8. OPTRO – Committee member of International Symposium on Optronics in Defence and Security
9. SCREEN – Supporter of Solutions for Critical Raw Materials - a European Expert Network

EPIC knows the photonics market is booming as we see an increasing number in job opportunities. To support our members in finding qualified talent, EPIC offers several services for its members.

The biggest jobs in photonics website in the world

EPIC currently has 223 EPIC members across 53 countries that are hiring. Collectively, they have more than 1260 open positions that can be found on the biggest jobs in photonics website.

www.jobs-in-photonics.com



EPIC Mentors in Photonics

In 2020, EPIC launched the EPIC Mentors in Photonics website, where EPIC members can find some inspiring leaders in photonics that are willing to share their expertise and knowledge with colleagues in the industry that are exploring new applications or want to expand their territories. It is a unique platform to connect and learn from industry experts.

www.mentors-in-photonics.com

INTERACTIVE CONTENT
All URLs and images on this page are clickable and take you straight to the specific page. The two meetings and their images take you to the recording on our YouTube channel.



Recruitment support

Job opening do not only need to be filled individually. At industry level, we need to ensure there is sufficient qualified talent; otherwise, candidates will be jumping from company to company, salaries will increase, and the overall problem is not being solved. EPIC members EO, Insight Technology Search, Houmault.com, Orion Engineering, Profound Resources, TMC, and VISION MARKETS are partners committed to attract talent from other fields, retain talent in the photonics industry, and motivate potential candidates to join our exciting community. This year, EPIC organised two online meetings, specifically dedicated to recruitment:

1. EPIC Online Meeting on The Impact of COVID-19 on Recruitment
2. EPIC Online Meeting on Successful Recruitment in Photonics: EO Executives

These two meetings are still available for viewing on YouTube. If you are hiring, please feel free to contact one of the EPIC partners.



"As a member of EPIC, it's been very useful for us to be able to tap into EPIC's network. Most recently, thanks to EPIC's extensive network of photonics contacts across Europe, we've been able to hire a key person for our organization"

Armin Luft, former CEO at Laser2000

EPIC has appeared more than 50 times in editorials, articles, interviews, webinars and podcasts, published in partnership with leading media partners including Applicazioni LASER, Electro Optics, EuroPhotonics, Medical Device Developments, Novuslight, PIC Magazine, and Photoniques.

C-Level Interviews 2020

1. Adam Piotrowski, CEO at Vigo System
2. Alexey Zarenbin, General Director at FORC-Photonics
3. Andrius Melninkaitis, CEO at Lidaris
4. Caspar Clark, CEO at Helia Photonics
5. Christian Vestergaard, CTO at NKT Photonics
6. Darius Tumosa, CEO at Eksma Optics
7. Didier Beghuin, CTO at Lambda-X
8. Dominique Bérard, Executive VP at LASSE
9. Eric Mottay, CEO at Amplitude Laser
10. Florian Emaury, CEO at Menhir Photonics
11. Frank Wyrowski, CEO at LighTrans International
12. Hans Van den Vlekkert, Former CEO at LioniX
13. Israel Grossinger, CEO at Holo/OR
14. Itai Vishnia, CEO at PLX
15. Johann Weinhaendler, Managing Director at ASM Amicra
16. Jose Capmany, COO at iPronics
17. Kurt Weingarten, CEO at Tarkas
18. Lars Rymell, CEO at Eclipse Optics
19. Mark Botos, CEO at Aerotech
20. Mary Hibbs-Brenner, CEO at Vixar
21. Michael Rotschaedl, General Manager at Mountain Photonics
22. Nikolajus Gavrilinas, CEO at IFO
23. Niv Price, CEO at Voyage81
24. Oliver Prochnow, CEO at Valo Innovations
25. Patrice Le Boudec, CEO at IDIL Fibres Optiques
26. Patrick Maine, CTO at Lumibird
27. Peter Kirkegaard, CEO at IMT
28. Pim Kat, CTO at Technobis
29. Reinhard Voelkel, CEO at SUSS MicroOptics
30. Robert Riedel, CEO at Class5
31. Roger Artigas, CTO at Sensofar
32. Ronny Timmreck, CEO at Senorics
33. Sam Rubin, CEO at LightPath
34. Thierry Georges, CEO at Oxixus
35. Ville Hevonkorpi, Managing Director at SCHOTT Primoceler
36. Volker Sinhoff, CEO at AIXaTECH



INTERACTIVE CONTENT

Click on the names or images to view
the interview online.

EPIC published 14 technology articles in several publication with our preferred media partners:

1. European Pilot Lines in photonic integrated circuits

Published in PIC Magazine

2. Fast test needed for virus detection using integrated photonic biosensors

Published in PIC Magazine

3. Lasers and Surface Functionalization: How a technology aiming at sustainability is spreading and supporting laser development in Europe

Published in Photonics Views

4. Laser Metal Additive Manufacturing - Another example of Photonics serving relevant industries

Published in Applicazioni Laser

5. Laser welding is strategic for electric mobility

Published in Applicazioni Laser

6. More Than Meets the Eye: Applications enabled by the non-stop development of hyperspectral imaging technology

Published in Photonics Views

7. New opportunities for collaboration within the photonic packaging supply chain

Published in PIC Magazine

8. New Trends in Laser Beam Welding

Published in PhotonicsViews

9. Optical Fiber Sensing at Work in New Technologies, Applications

Published in Europhotonics

10. Photonic Transceivers Drive Ethernet Solutions

Published in: Europhotonics.

11. Photonic Integrated Circuits for sensing applications

Published in PIC magazine

12. Let there be light - Photonics in the medical devices of the future

Published in Medical Device Developments

13. Quantum Photonics Industry: Ground-breaking technologies in the fields of atomic clocks and quantum sensors for new ground and space applications

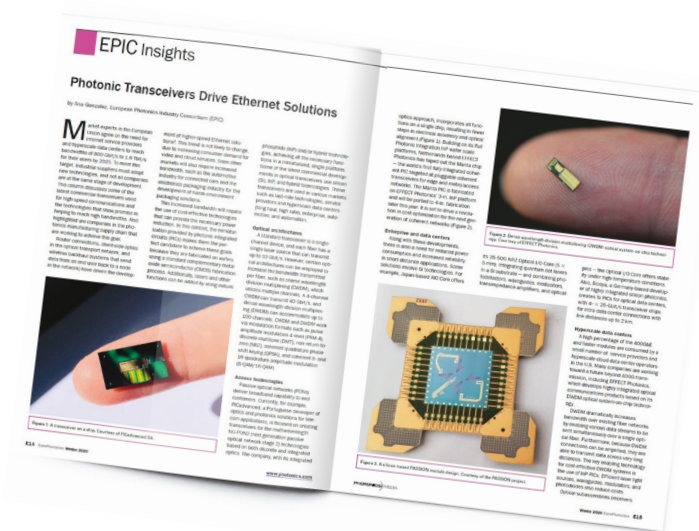
Published in PhotonicsViews

14. The Future of Micro-Optics in Europe: Addressing the importance of micro-optics manufacturing in the photonics industry and its remarkable economic growth

Published in Photonics Views

INTERACTIVE CONTENT

All article titles and images are clickable and take you straight to the publication online.



Media Partners



INTERACTIVE CONTENT

Click on the logo of one of our media partners to visit their website.

EPIC participates in 10 European funded initiatives and pilot lines to support the European Ecosystem for photonics.

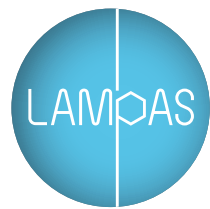
INTERACTIVE CONTENT

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JePPIX Pilot Line - Manufacturing pilot line for Indium Phosphide PICs offering design, manufacturing and testing services.

www.jeppix.eu



LAMPAS - Project to develop the first laser system for high throughput low-cost production of surfaces with controlled topographical characteristics.

www.lampas.eu



MedPhab Pilot Line - Pilot line dedicated to manufacturing, testing, validating and upscaling new photonics technologies for medical diagnostics.

www.medphab.eu



MIRPHAB Pilot Line - A single-access point and all-service integrated Pilot Line for the development of MID-IR photonics sensors in Europe.

www.mirphab.eu



MULTIPLE - Project to develop cost-effective multi-modal monitoring solutions with a breakthrough impact on production quality and efficiency.

www.multipleproject.eu



PASSION - Project to develop photonic technologies for programmable transmission and switching systems based on scalable spectrum/space aggregation for future agile high capacity metro networks.

www.passion-project.eu



PHABULOUS Pilot Line - European Pilot Line for the manufacturing of free-form micro-optics offering accelerated innovation & production cycles from prototypes to piloting and large volume production.

www.phabulous.eu



PhotonHub Europe - Single pan-EU Photonics Innovation Hub offering a comprehensive range of supports to industry for the accelerated uptake and deployment of photonics.

www.photonhub.eu



PIXAPP Pilot Line - First open access Photonic Integrated Circuit (PIC) assembly & packaging Pilot Line offering standardised, cost-effective, off the shelf photonic packaging solutions for fast integration.

www.pixapp.eu



PULSATE - The PAN-European network for empowering SMEs digital competences in laser-based advance and additive manufacturing (LBAAM).

www.pulsate.eu

These projects have received funding from the European Union's Horizon 2020 research and innovation programme. Visit the website for more information and the grant agreements.

www.photonics21.org



PHOTONICS PUBLIC PRIVATE PARTNERSHIP

Free access to AMIPLEXUS for all EPIC members to help you identify partners in EU funded projects

As an EPIC member you will get full access to AMIPLEXUS to help you identify partners in EU funded projects. Search for new technologies and observe your competitors! AMIPLEXUS is a useful practical on-line search tool for helping you identify partners in EU funded projects. See what projects your suppliers, customers and competitors are involved in and who are their other partners. See which technologies are in the companies pipelines. You can search by keywords, and refine search results to specific countries, companies, etc. EPIC has acquired a license that allows all employees of all EPIC member companies to freely access.

www.amiplexus.eu



Every employee of a company member of EPIC has free access to the EPIC library on the extranet. The extranet is simple to use and you can conveniently download hundreds of technology presentations and numerous market reports.

extranet.epic-assoc.com

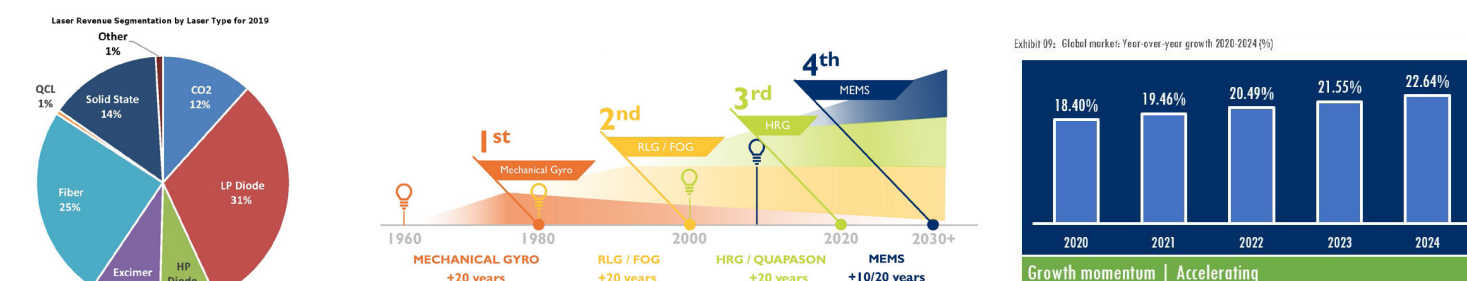
- 2020 3D Sensors Market
- 2020 Automotive Advanced Driver Assistance System Market
- 2020 CMOS Image Sensors Market
- 2020 Commercial Drones Market
- 2020 Fiber Laser Market
- 2020 Fiber Optics Market
- 2020 High-End Inertial Sensors for Defense, Aerospace & Industrial Applications Market Report
- 2020 Industrial Automation Services Market
- 2020 Laser Technology Market – Global Forecast to 2025
- 2020 Machine Vision Camera Market
- 2020 Mask Inspection Equipment Market
- 2020 Metal Additive Manufacturing Global Market
- 2020 Sapphire Glass Market
- 2020 Vision Processing Unit Market
- 2020 Light Therapy Global Market

INTERACTIVE CONTENT

*Click on extranet.epic-assoc.com to go to our Extranet and start exploring the assets.
If you do not know your login details, please send an email to info@epic-assoc.com*

- 2019 Blue Laser Diode Market Report
- 2019 Fiber Optics Market Report
- 2019 Infrared Sensors Market Report
- 2019 Medical Sensors Market Report
- 2019 Two Photon Laser Scanning Confocal Microscope Market Report
- 2019 InP Wafer and Epiwafer Market Photonics and RF Market Report
- 2019 Silicon Photonics and Photonic Integrated Circuits Market Report
- 2019 Status of Camera Module Industry Focus on Wafer Level Optics Market Report
- 2019 Smart Glass Market Report
- 2019 Semiconductor Process Control Equipment Market Report

- 2018 3D Imaging and Sensing Market Report
- 2018 Fiber Laser Market Report
- 2018 Photonic Integrated Circuit Market Report
- 2018 High Speed Ethernet Optics Market Report
- 2018 Laser Technology Market Report – Global Forecast to 2024
- 2018 Silicon Photonics Market Report – Global Forecast to 2023
- 2018 Ultrafast Lasers Technologies and Global Market Report
- 2018 VCSEL Technology Industry and Market Trends and Report
- 2018 Worldwide Laser Market Review and Forecast



*"The market reports provided by EPIC are a great resource to me and my colleagues.
It provides us with valuable information on technology trends and market forecasts."
John O'Carroll, Director of Technical Development, Optical Communications, Eblana Photonics*

EPIC values strong partnerships to connect our members to the industry. Whether this is through partner events, business partners or association partners, EPIC is always looking for meaningful partnerships to support its members.

INTERACTIVE CONTENT

Click on any of the association partners or logos to visit their website.

EPIC Partner Events

1. 16th Congress "Laser Applications in Life Science"
2. 22nd European Conference on Integrated Optics
3. 24th International Conference on Optical Network Design and Modelling
4. 24 Hours Global Space Innovation
5. 5th PIC International Conference
6. AIPH International Conference
7. Digital Aachen Polymer Optics Days
8. ECOC
9. Forum Photonique
10. Image Sensors Europe
11. ImagineNano
12. IPSR-International Presentation
13. Micronora International microtechnology trade fair
14. NGON & DCI World
15. OPD
16. Paris Space Week
17. Photonic Integration Week
18. Photonics Applications Week
19. Photonics Days Berlin Brandenburg
20. Quantum Diamond Webinar
21. Quantum.Tech
22. Trends and Challenges in Laser Processing - Aerospace
23. W3+ FAIR Wetzlar
24. W3+ FAIR Rhine Valley

EPIC Association Partners

1. AILU – Association of Laser Industrial Users
2. AIM Photonics – American Institute for Manufacturing Integrated Photonics
3. AIPH – International Association of Horticultural Producers
4. AVF - Association for Vertical Farming
5. CECIMO – European Association of the Machine Tool Industries
6. Clean Rivers HUB
7. COBO – Consortium for On-Board Optics
8. CSA – China SSL Association
9. DVN - Driving Vision News
10. DIGITALEUROPE
11. EMVA - European Machine Vision Association
12. EA – Ethernet Alliance
13. FTTH Council Europe – Fiber To The Home
14. GDLIA – Guangdong Laser Industry Association
15. Greenlight for Girls
16. IAESI – Israel Association of Electronics & Software Industries
17. IUVA – International Ultraviolet Association
18. Joint Forces for Solar
19. LAS - Russian Laser Association
20. LightingEurope
21. LUX Consortium in Singapore
22. Nanophotonics Europe Association
23. OES – Organic Electronics Saxony
24. OIF – Optical Internetworking Forum
25. PETRA – Photonics Electronics Technology Research Association
26. SEAFOM – Fiber Optic Monitoring Group
27. SEMI – Semiconductor Equipment and Materials International
28. VR/AR Association
29. Wuhan Laser Industry Association

In 2020, EPIC signed 6 new MoUs:



EPIC actively builds a global network of decision makers and experts. By interacting with the industry, we learn about the latest technology developments, understand manufacturing challenges and explore business and collaboration opportunities for our members.

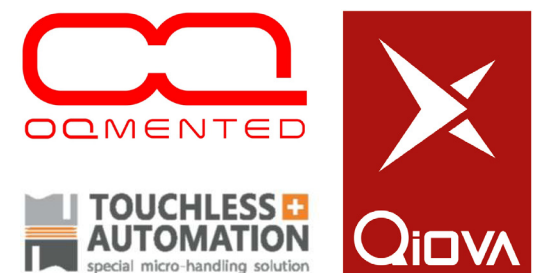
Company Visits and Virtual Company Tours

In 2019, we were welcomed by 190 companies around the world. Due to travel restrictions in 2020, this was very limited. In fall 2020, we introduced a new kind of outreach: EPIC Virtual Company Tours. This way it is not only EPIC learning, but the whole world can join to get a good idea of what happens at our EPIC member companies. In 2020, we visited 35 companies:

- | | | |
|-----------------------------|-----------------------------|---|
| 1. AAE BV | 13. Jabil | 25. son-x |
| 2. Avantes | 14. Jenoptik | 26. SUSS MicroOptics |
| 3. Econopolis | 15. Kathod | 27. Sy&Se |
| 4. European Optical Society | 16. Nanovation | 28. Tematys |
| 5. Fluence | 17. NTS Optel | 29. Touchless Automation (Virtual Tour) |
| 6. HORIBA | 18. OQmented (Virtual Tour) | 30. TU Eindhoven |
| 7. Imagine Eyes | 19. Picolas | 31. University of Warsaw |
| 8. Imagine Optic | 20. PROPHESSEE | 32. VIGO System |
| 9. imec | 21. QiOVA (Virtual Tour) | 33. VUB |
| 10. IMS | 22. Quandela | 34. Zeiss |
| 11. IPG | 23. Quanta System | |
| 12. ITME | 24. SEDI-ATI | |



EPIC Virtual Company Tours 2020: OQmented, Touchless Automation, and QiOVA.
Watch them all on www.youtube.com/c/epicphotonics



INTERACTIVE CONTENT

All images on this page contains links to the associated video on our YouTube channel.

CEO of the year

Outreach also means recognising some of the amazing work that is done at our member companies. This year the EPIC CEO of the Year Award was given to Hans van den Vlekkert. This award recognizes the stories behind Hans being the co-founder and CEO of Phoenix Software, QuiX and LioniX. Let us understand the history he made, the people who have inspired him and the learnings we can make. Watch the video "Building success in 2020: EPIC CEO Award 2020 goes to Hans van den Vlekkert".



Participation at EPIC Member meetings

In 2020, many meetings moved online and we got the opportunity to join some of our member meetings.

1. Internal keynote presentation for Jenoptik
2. Internal keynote presentation for Huawei
3. Internal keynote presentation for Modulight
4. Internal keynote presentation for SMART Photonics
5. Internal keynote presentation for SOITEC
6. Opening presentation about Photonics Trends of 2020 at Excelitas Internal Sales Meeting
7. Presentation at the ENSEMBLE3 Project kick-off meeting in Warsaw

"Thank you for your contribution at our annual EMEA sales meeting. The presentation from Dr. Jose Pozo was extremely interesting and engaging, feedback from the staff was very positive and we thank you for your input, for sharing your industry vision highlighting technology and business opportunities. We are very pleased to be a member of EPIC".

Josep Tienda, Director EMEA Channel Sales, EXCELITAS Technologies:



600
MEMBERS

EPIC

In summer 2020, QiOVA became EPIC's 600th member, which we celebrated with a special award. QiOVA is a typical EPIC member: still small but rapidly growing and ambitious.







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