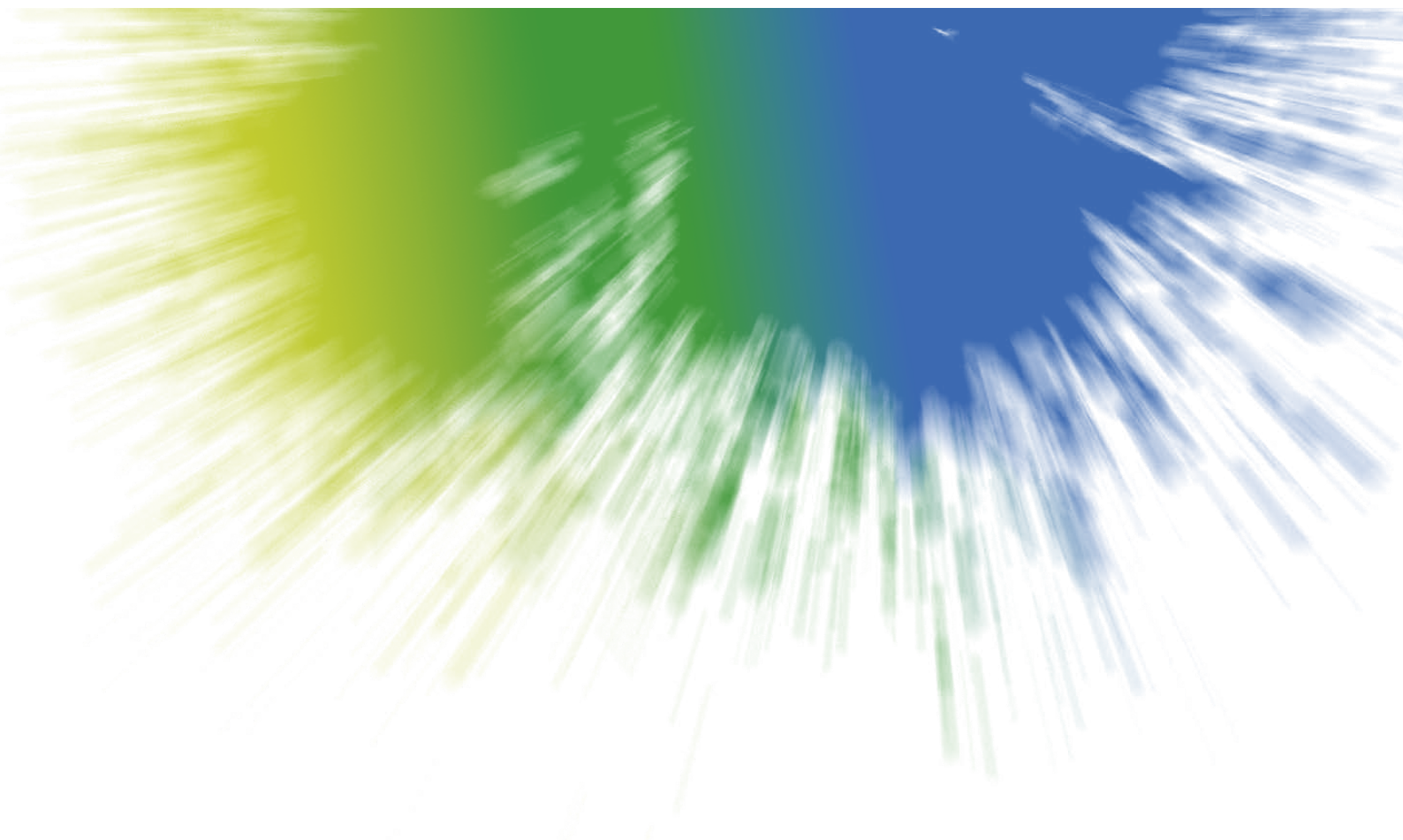




ACTIVITY REPORT **2022**



EPIC
EUROPEAN PHOTONICS
INDUSTRY CONSORTIUM



Contents

Message From The President	3
The Association	4
EPIC Team	5
EPIC Exhibitions	6
EPIC Networking	7
EPIC Events	8
EPIC Attends	9
EPIC Networking Highlights	10
EPIC Online Technology Meetings	12
Other Online Meetings	13
EPIC Members In The Spotlight	14
EPIC Outreach	16
EPIC Virtual Tours	18
EPIC Product Releases	18
EPIC Delegation Trips	20
EPIC CEO Award	21
EPIC Market Reports	22
EPIC Articles	23
EPIC Job Walls	24
EPIC Mentors	24
EPIC Jobs in Photonics	25
Day of Photonics	26
EPIC Media Partners	27
EPIC Association Partners	28
EPIC Partner Events	29
European Initiatives & Pilot Lines	30
EPIC Members	31

Message From The President



It is an honour to write this last foreword as President of EPIC. For a total of eight and half years, with six years as President, I am proud to have been part of the amazing growth that EPIC has been through as an association. When I joined the EPIC Board of Directors back in 2014, EPIC had just over 150 members, and a mere 2 employees. Now, the association has more than 800 members and a team of 10 highly qualified and dedicated employees committed to serving the members of the association. While the first years were focused on growth, more recently the emphasis has been on professionalizing the organization, and restructuring the team, to ensure that EPIC remains sustainable as the largest photonics industry association in the world.

In 2022, we were finally able to emerge from the COVID pandemic and restart connecting personally with the members of the association. Connecting people is at the heart of EPIC's strategy: our members know each other's capabilities and have a sincere desire to collaborate and do business together. Events are at the heart of what EPIC does, and a rich compilation of diverse online and in-person meetings was organized. To remain connected with industry, EPIC attended exhibitions, events, and actively visited its members and helped members expand their markets through international delegation trips and the publishing of market reports. Engagement with the media was also significant with the publication of technical articles and interviews. In summary, here are some of the highlights in numbers:

- 65 events organized
- 29 exhibitions and events attended
- 45 members participated in EPIC product releases
- 18 articles published
- 49 interviews published
- 9 market reports released
- 145 companies visited

I thank you, the members of the association, for the trust and the continuous support you have provided to the association.

I thank my fellow board members for the many rich and interesting discussions, guidance at strategic level, and the critical decisions we made to ensure proper governance of the association.

Lastly, on behalf of all members, I express our gratitude to the team of EPIC staff who passionately dedicate themselves to serve EPIC's mission, i.e., the competitiveness of the European photonics industry. You continue to do an impressive job!

In 2023 EPIC celebrates 20 years of existence, and it is with much confidence in the staff and the EPIC Board of Directors that I hand over the Presidency of the board to Basil Garabet. I wish you all a photonastic future!

Benno Oderkerk

The Association

Driving competitiveness of the European photonics industry

EPIC is the world-leading industry association that promotes the sustainable development of organizations working in the field of photonics in Europe. We foster a vibrant photonics ecosystem by maintaining a strong network and acting as a catalyst and facilitator for technological commercial advancements.

Board of Directors

EPIC is owned by its members and managed by the Board of Directors.





EPIC Team

The EPIC Team consist of 10 highly skilled professionals from all around Europe.



Anna Mårtensson
Marketing Manager



Anna Trachtova
Marketing Manager



Dr. Antonio Castelo
*Technology Manager
for Bio-Medical
and Lasers*



Carlos Lee
Director General



Elisenda Lara
Marketing Manager



Dr. Ivan Nikitski
*Technology Manager
for Quantum and PICs*



Dr. Jeremy Picot-Clemente
*Technology Manager
for Optics and
Green Photonics*



Justine Massip
Events Manager



Neringa Noreikiene
Events Manager



Ulrike Helfferich
Chief Operating Officer



EPIC annual membership contribution

Company with annual revenue > € 250 million € 11,600

Company with annual revenue €100-250 million € 9,280

Company with annual revenue € 50-100 million € 6,960

Company with annual revenue € 10-50 million € 4,640

Company with annual revenue < € 10 million € 2,320

Start-up (less than 5 years) € 590 - 2,320

University/Research Institute € 2,320

Cluster/Association/ Government Agency € 2,320



EPIC Exhibitions

During 2022 we could finally meet physically again and EPIC took the opportunity to network with members and other companies during several exhibitions. Many members came by one of our booths to sit down with a cup of coffee and discuss the latest topics.

—> • AKL – International Laser Technology Congress, Aachen, Germany

- COMPAMED, Düsseldorf, Germany
- ECOC, Basel, Switzerland
- Laser World of Photonics, Munich, Germany
- LASYS, Stuttgart, Germany
- OFC Exhibition, San Diego, USA
- OPTRO, Paris, France
- Photonics West, San Francisco, USA
- PIC International, Brussels, Belgium
- VISION, Stuttgart, Germany
- W3+Fair, Wetzlar, Germany
- W3+Fair Rhine Valley, Dornbirn, Austria



623 cups of coffee were served to members in EPIC booths.

EPIC Networking



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.

- • CEO Exhibitor Breakfast, Laser World of Photonics, Munich
- Executive 5 Mile Run, Photonics West, San Francisco
 - Investors Meeting, Laser World of Photonics, Munich
 - Investors Meeting, Tech Tour, Eindhoven
 - Members Lunch, Photonics West, San Francisco
 - Members Lunch, OFC, San Diego
 - Members Networking Reception, Photonics West, San Francisco
 - Members Run, ECOC, Basel
 - Members Run, OFC, San Diego
 - VIP Breakfast, W3+Fair, Wetzlar
 - VIP Breakfast, W3+ Fair, Dornbirn
 - VIP Networking Reception, ECOC, Basel
 - VIP Networking Reception, OFC, San Diego
 - Welcoming Reception of EPIC World Photonics Technology Summit, Photonics West, San Francisco



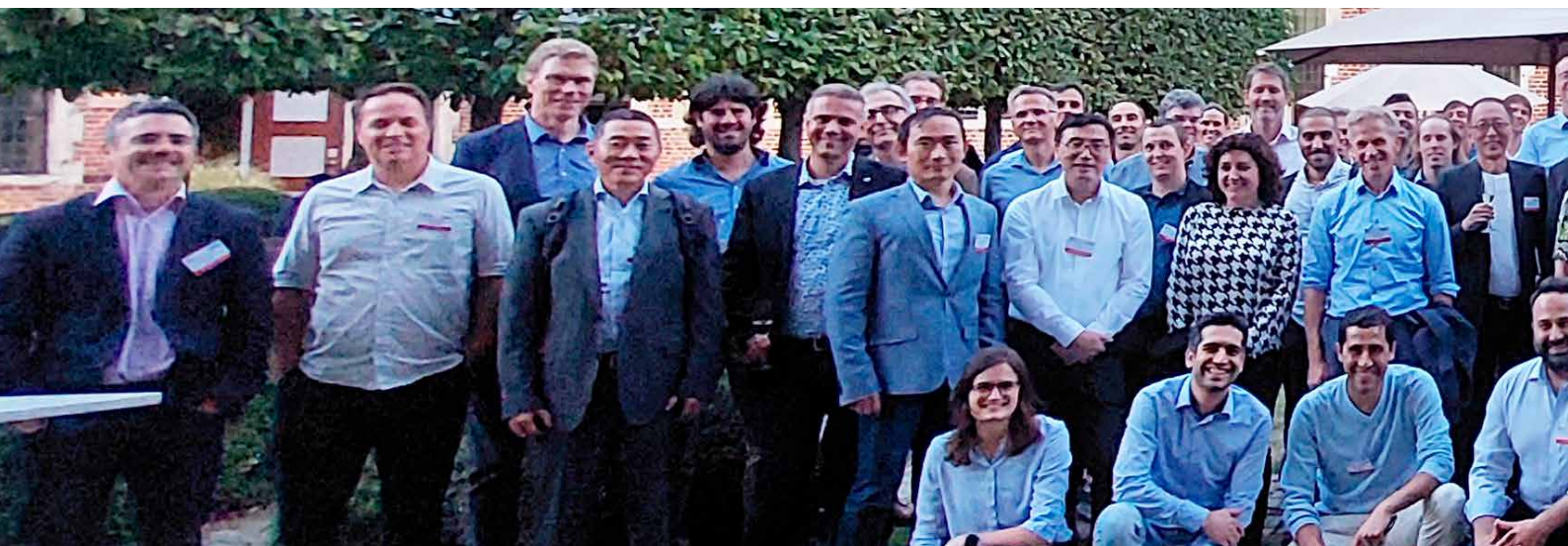
EPIC members ran
545 km during 2022.



EPIC Events

EPIC strengthens the connections among our members by creating a forum to meet, to discuss challenges and opportunities, and to explore collaboration possibilities. EPIC events are typically by-invitation only to ensure a relevant audience and highly selective to ensure effective networking. EPIC members drive the agenda and have registration priority at all association events.

- • Annual General Meeting 2022, Vilnius
- Industrial Quantum Photonics Technology Summit at the University of Glasgow
 - Joint Industrial Optics Podium Session, Porto
 - Meeting at VISION on New Machine Vision Developments and Emerging Applications, Stuttgart
 - Meeting on Advanced Microoptics at Nanoscribe, Karlsruhe
 - Meeting on Beam Shaping for Industrial Applications at LASYS, Stuttgart
 - Meeting on CMOS Compatible Integrated Photonics at imec, Leuven
 - Meeting on Diffractive Optics at Laser World of Photonics, Munich
 - Meeting on FMCW LiDAR Systems at Laser World of Photonics, Munich
 - Meeting on Industrial Process Monitoring at Laser World of Photonics, Munich
 - Meeting on Laser, Optics and Sensors for Medical Devices at Laser World of Photonics, Munich
 - Meeting on Laser-based Advanced & Additive Manufacturing at Laser World of Photonics, Munich
 - Meeting on Photonics at the Final Frontier at European Space Agency ESA, Noordwijk
 - Meeting on Single-Photon Sources and Detectors at Laser World of Photonics, Munich
 - RoundTable at OPTRO: Smart Optronic Detectors for Challenging Targets, Paris
 - Technology Meeting on Electronics & Photonics – Two Sides of One Coin, Munich
 - TechWatch at ECOC, Basel
 - TechWatch at W3+FAIR, Dornbirn



- TechWatch at W3+FAIR, Wetzlar
- TechWatch on Laser & Photonics Applications at COMPAMED by IVAM, Düsseldorf
- World Photonics Technology Summit at Photonics West, San Francisco

EPIC Attends

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

- • Attended Automatica and Analytica
- Attended the European Commission Online Workshop on Photonics and eXtended Reality
- Made a speech at the Agrovizija exhibition
- Made a welcoming speech at 5th Anniversary of Senorics
- Moderated the panel discussion at Commercializing Quantum Global 2023
- Participated and moderated at EOSAM 22
- Participated at Baltics Photonics 2022
- Presented at Aachen Polymer Optic Days
- Presented at (AR) Microwave Photonics @ 51th EDA CapTech Radar
- Presented at FOAN2022
- Presented at Optical innovation summit at HUAWEI
- Visited AWE - Europe 2022
- Visited Electronica & SEMICON 2022
- Visited EuroBlech 2022
- Visited Lamiera
- Visited OPTATEC 2022
- Visited SPS Italia - Smart Production Solutions



982 people attended
an EPIC event in 2022.



EPIC Networking Highlights

At EPIC we document all of our events by taking a lot of photos and we share the highlights directly after the events with the participants in our Flickr album. Over the years we have gathered more than 10,000 photos and below are some of the 2022 highlights.



Watch all our images on Flickr



Pilot Lines Breakfast, San Francisco



Quantum Technology Summit, University of Glasgow



World Technology Summit, San Francisco



Networking Reception, San Francisco



Exhibitor Breakfast, Munich



W3+, Wetzlar



EPIC Delegation, Israel



Annual General Meeting, Vilnius



Meeting on Electronics & Photonics, Munich



Meeting at Nanoscribe, Karlsruhe



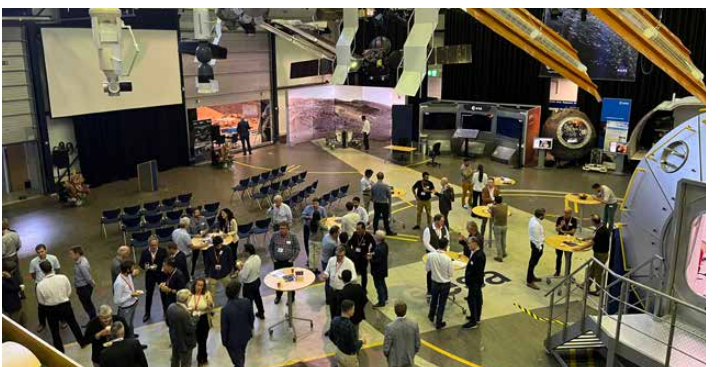
Members Lunch, San Diego



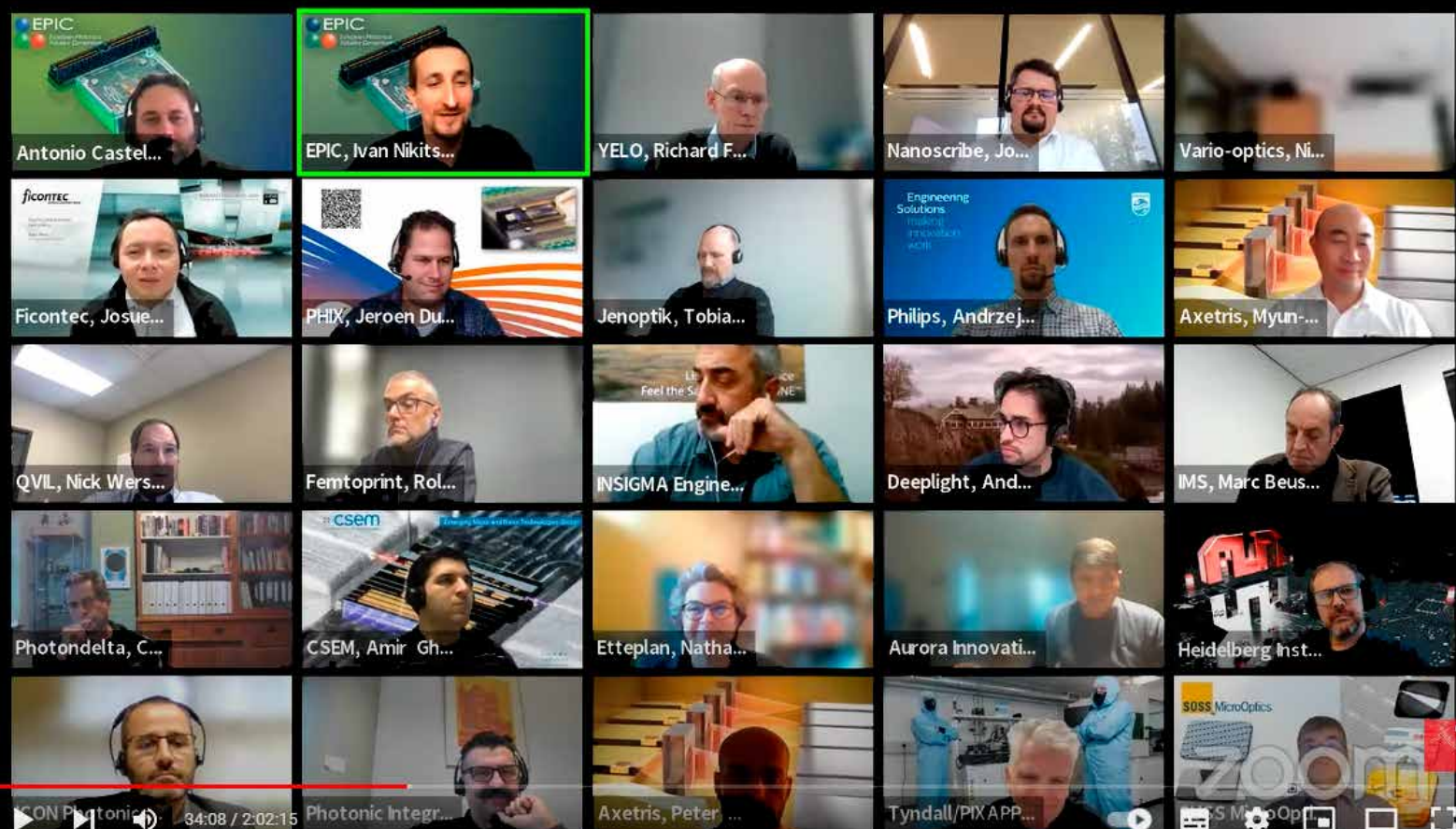
Networking Dinner, Vilnius



EPIC Delegation, Singapore



Meeting at ESA, Noordwijk



EPIC Online Technical Meetings

As an extended opportunity to network, hear the latest about new hot topics and get valuable insights from other members, EPIC continues to arrange online technology meetings. The online meetings also include non-technical topics that are of high interest to the members.

→ • Additive Manufacturing of Metal and its Applications

- Agri-Photonics
- Co-packaged Optics for Hyperscale Datacenters
- Earth Observation
- Emerging Trends in Laser Micromachining
- Hybrid Photonic Integrated Circuits
- Industrial Process Monitoring at Laser World of Photonics
- Laser Range Finders and Sports Optics
- Laser-based Advanced & Additive Manufacturing at Laser World of Photonics
- LiDAR Miniaturization
- Lighting for Automotive
- Medical Fiber Sensing
- Micro and Nano-satellites in the New Space



More than 70 hours of online meetings were streamed 2022.

- Mid-Infrared Alliance Present and Future
- Novel Thin Film Materials
- Optical Fiber Sensing for Structural Health Monitoring
- Photonics for Aesthetics and Cosmetics
- Photonics for Food and Beverages
- Photonics for Mobility of the Future
- Photonics for Woodworking
- PIC Packaging and Testing
- Plastic Sorting, Recycling and Waste Management
- Quantum Communication and QKD
- Quantum Computing Platforms
- Satellite Quantum Communication
- Single Photon Sources and Detectors
- Single-Photon Sources and Detectors at Laser World of Photonics
- UV Disinfection
- VCSELs Technology and Applications



All online videos are
available on YouTube

Other Online Meetings

- • Marketing Survey Results Presentation
- Membership Benefits Information Session
- Online Meeting on Supply Chain
- International Delegation Trips
(Format explanation and future trips)
- Investors Workshop



EPIC Members in the Spotlight

In these series of interviews, we ask leaders of EPIC member companies to share with us their experience on the challenges and opportunities to run a company, the critical steps in the growth of the organization, and give tips to inspire future entrepreneurs.

- > • Alexey Gayoso, CEO, Maiman Electronics
- Amin M'Barki, CEO, Hummink
 - Andris Anspoks, CEO, Materize
 - Angelo Fasoli, CTO, Tecnottica
 - Benoit Bataillou, CTO, Pi Lighting
 - Boris Kobrin, CEO, Innovasonic
 - Christian Bosshard, Managing Director, Swiss Photonics
 - Daniel Schall, CEO, Black Semiconductors
 - David Ruppel, President, IDEX Optical Technologies
 - Dominik Rabus, CEO, Rabus Tech
 - Dominique, Lupinski, CEO & Founder, Cristal Laser
 - Emmanuel Stratakis, CEO, Biomimetic
 - Felix Grawert, CEO & President, Aixtron
 - Gino Bucciol, CO-Founder & COO, Officina Stellare



- Igor Nakonechnyi, Founder, QustomDot
- James Regan, CEO, EFFECT Photonics
- Jan Mink, CEO, VTEC Lasers

- Jesus de la Fuente, CEO, Graphenea
- Jim Telfer, Managing Director, Hilger Crystals
- Jonas Leuermann, Head of Engineering, Bioherent



- Juergen Zosel, Div. Mgr. Engineering, Orafol Fresnel Optics
- Juha Purmonen, Cluster Manager, Photonics Finland
- Klaus Loeffler, Managing Director, Precitec

- Luis Ferreira, Director of Optical Business, HBK FiberSensing

- Martin Roth, CEO, innoFSPEC Potsdam

- Martin Hovestadt, CEO, Juke

- Matteo Negro, CTO, Cambridge Raman Imaging

- Michael Hornung, Managing Director, AMO

- Michał Muniak, CEO, Solaris Optics

- Mike Powell, Managing Director & Partner, Renevo Capital Limited

- Mostafa Afgani, CTO, Pure Lifi

- Nicolas Volet, CTO, UV Medico

- Nicolas Compère, VP Business Development & Innovation, Manutech USD

- Niek Rijnveld, CEO, Optics 11

- Oded Raz, CO-Founder & CEO, PhotonX

- Per Karlsson, CEO, NorthLab Photonics

- Peter Weigand, CEO, TriLite Technologies

- Pierre Jenouvrier, CTO, Lynred



- Ralf Leutz, General Manager, LEOPIL

- Rick Mannello, CEO, Boston Electronics

- Ronald Mueller, CEO, Market Vision



- Steven Goetstouwers, CEO, Admesy

- Thomas Graf, Professor & Director, University of Stuttgart

- Trond Loke, CEO, Norsk Elektro Optikk

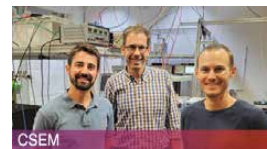
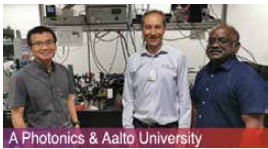
- Ursula Keller, Professor, ETH Zurich

- Xiao Tang, Sales & R&D Manager, Mintres



EPIC Outreach

EPIC continues to build 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. During 2022 we visited 145 members.





LaVa-X



Le Verre Fluore



Leia



Ligenlec



Light Conversion



LINKS



Lithium Laser



Litilit



LOBRE



Lukasiewicz



Lynx



LYOCON



MICLEDI



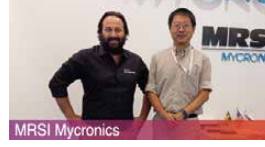
Monocrom



Morphotonics



MPIX



MRSI Mycronics



Nanoscribe



neoLASE



New Imaging Technologies



NIREOS



NIT



NKT Photonics



Officina Stellare



Optogama



Optogama



Osai



Palomar



PEARLabs



Phaseform



Philips Innovation Services Eindhoven



Phix



Photin



PhotonDelta



Photonics Precision Engineering



Physik Instrumente



PiBond



Pilot Photonics



Politecnico di Torino



Prima Additive



Quandela



Rockley Photonics



SAES



SCIL



Senorics



Sens-Up



Sill Optics



SUSS MicroOptics



Solaris Optics



Telaztec



Tecnottica



Topica USA



Trumpf



Univet



V&A Photonics



VLC Photonics



WZW



Xenics



EPIC Virtual Tours

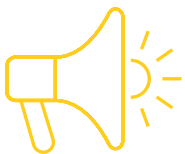
EPIC systematically promotes the members of the association and continuously explores additional means to increase awareness of their products and services. With our thousands of social media followers and subscribers, the online environment has proven to be an effective platform for those engaging with us. The following members took the opportunity to show their facilities and new products:

- • ASE Optics Europe
- Heidelberg Instruments and Multiphoton Optics
- SEDI-ATI
- STMicroelectronics

EPIC Product Releases

- | | |
|--|-----------------|
| → • 4JET Technologies / 4JET microtech | • Everix |
| • Arden Photonics | • Excelitas |
| • Art Photonics | • EXFO |
| • Biomimetic | • Fusion Bionic |
| • Duma Optronics | • Gentec-EO |
| • EPIGAP Optronic | • HETEROMERGE |
| • EV Group | • Hummink |

- Ibsen Photonics
- Instrument Systems
- KDPOF
- Laser Components
- Laserpoint
- LightPath Technologies
- LightTrans
- Leverage
- Luceda Photonics
- Luxinar
- Menhir Photonics
- Micro LAM Technologies
- neoLASE
- OPTOMAN
- Oxford Lasers
- PanDao
- QiOVA
- Quantifi Photonics
- Scitodate
- SCIVAX
- Silicon Light Machines
- SILIOS Technologies
- Sivers Photonics
- STMicroelectronics
- Stensborg
- Synopsys
- TeraXion
- Vertilas
- VLC Photonics
- VPIphotonics
- Workshop of Photonics



"The EPIC events have an excellent organization with a perfect balance between commercial and technical content. By attending EPIC events the return for son-x has been better than going to any other exhibition or conference. We are proud of being part of EPIC and to contribute to the success of the photonics community in Europe."

Benjamin Bulla, Managing Director of son-x

"As a growing photonics start-up, our challenges are sometimes quite different from companies in other fields. And also our growth and market opportunities are quite unique in our very high-tech and fast-evolving field."

Being a member of a network like EPIC allows us to connect with executives from young and established companies, as well as large industrial corporations. Those links with people who are facing or have faced similar challenges bring tremendous value to the community. And, as we know, creativity springs from bringing together different mindsets, technologies, and experiences."

"Photonics is taking off more than ever before. We are proud to be part of it!"

Robert Riedel, CEO of Class 5 Photonics

EPIC Delegation Trips

As part of EPIC's membership services, we help members access international markets by organizing international delegation trips. These trips are organized by having members attend an exhibition or conference where they have networking lunch or dinner with local players and stakeholders – such as, distributors, industry associations, and, sometimes, government officials.

During these delegation trips, EPIC organizes group company visits where members tour facilities of local companies. We also provide delegation members with a list of companies that we are well-connected with to which our members can organize individual company visits. Through these international delegations, EPIC members engage with local players and stakeholders, learn from them, and have a better understanding of the opportunities and/or challenges in accessing the local market.

- • Delegation Trip to Singapore
- Delegation Trip to Israel



EPIC CEO Award



The EPIC CEO Award 2022 was presented to **Reinhard Völkel, CEO of SUSS MicroOptics**.

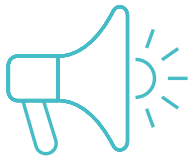
Reinhard is the founder of SUSS MicroOptics, a company that enables affordable replication of micro-optical components. SUSS MicroOptics sets the pace for Europe and is currently leading the manufacturing of micro-optics for biosensors, optical interconnects, photolithography systems, miniaturized imaging and camera systems. In recent years, Reinhard identified automotive as a strategic market, and invested heavily in becoming the first Nanoimprint based micro-optics manufacturer qualified for automotive in Europe.

The first products came out rapidly, such as the light carpet for a German high-end car maker. He recently set a center of excellence in Neuchatel, enabling further innovations and R&D efforts. Micro-optics is seriously booming in Europe, with new success stories coming every day, including those from large corporations such as ams, Schott, Zeiss,... and that momentum is there by a large extent thanks to the efforts and vision of Reinhard Völkel.

EPIC Market Reports

Every employee of an EPIC member company has free access to the EPIC library on the extranet where you can find hundreds of technology presentations and numerous market reports to download.

- • 2021 WW Lasers for Material Processing 5-Year Forecast by Strategies Unlimited
- 3D Imaging Utilizing VCSELs by Bruce Bateman
- Challenges of Terrestrial / Satellite Communications by EPIC
- Interband & Quantum Cascade Lasers by Tematys
- LiDAR by Yole Developpement
- Optical Beam Steering by Dr. Nikolaus Schmitt
- Optical Communications Coherent Transceivers by EPIC
- Precision Micromachining by Johannes Trbola
- Silicon Photonics by Yole Development



"We generally appreciate Yole reports provided by EPIC because they not only provide market figures, but also precisely illuminate the technologies and value-added stages and thus provide interesting insights into various applications for us as a material supplier."

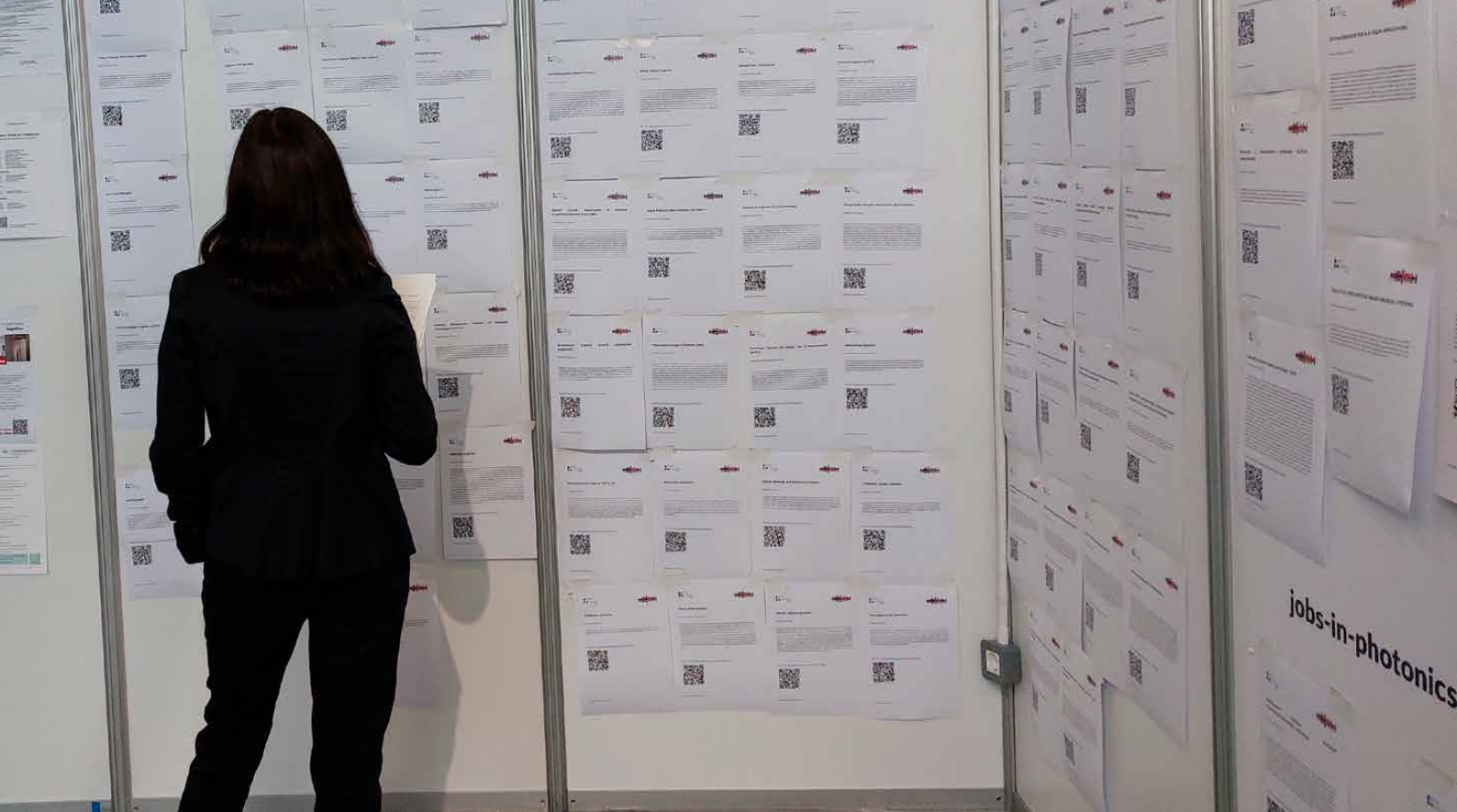
Nadine Roemann, Market Intelligence Manager, Business Unit Advanced Optics, SCHOTT



EPIC published editorials, articles, interviews, webinars, etc. in partnership with leading media.

- • “Co-packaged optics for hyperscale data centres” in Silicon Semiconductor Magazine, issue 4
- “Graphene to enable new generations of PICs” in PIC Magazine, issue 24
- “Heritage & Art”, Photonics Spectra, issue June
- “Integrated Photonics for quantum applications”, Laser Focus World, issue October
- “Laser therapy for pain relief: current and future trends” in Laser Focus World, issue April
- “Lasers in plastic processing, a big impact in the industry”, Photonics Views, issue 5
- “Ocular Innovation, Medical Devices Developments”, issue October
- “Perche il Beam Shaping è così importante?” in Applicazioni Laser, issue 2
- “Photonics applications emerge for agriculture” in Laser Focus World, issue June
- “Photonics brings laboratory analysis and insights to cultural conservation” in Photonics Spectra
- “Photonics lights up financial markets with first thematic index” in Photonics Views, issue January
- “Photonics: a pillar for extended reality technologies” in Photonics Views, issue 2
- “PIC Magazine” in Silicon Semiconductor Magazine, issue 2
- “Scaling up quantum processors” in Laser Focus World, issue February
- “Silicon Photonics Confronts the Dangers of Success” in Photonics Spectra, issue April
- “Spain could prioritize PIC manufacturing to lead in EU photonics” in PIC Magazine, Issue 4
- “The Hyperspectral Camera looks Alzheimer’s in the eyes” in Biophotonics
- “The metalens revolution is well underway” in Laser Focus World, issue May





EPIC Job Walls

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

On several occasions, we cooperated with organizers and arranged job walls in connection with our booths at exhibitions we attended. For each wall, several hundred jobs were collected from the members and promoted actively.

EPIC can also offer members help in the recruitment process. EPIC members EO, Houmault, Insight Technology Search, Orion Engineering and Profound are partners committed to attracting talent from other fields, retaining talent in the photonics industry and motivate potential candidates to join our exciting community.

EPIC Mentors

The EPIC website includes a section about Mentors in Photonics. Here EPIC members can find inspiring leaders in photonics who are willing to share their expertise and knowledge with colleagues in the industry exploring new applications or perhaps looking to expand their territories. This is a unique platform to connect and learn from industry experts!

<https://mentors-in-photonics.com>

EPIC Jobs in Photonics

Life is too short, work for a great company and join one of our members! Currently there are more than 7000 open positions that can be found on the biggest database of jobs in photonics.

www.jobs-in-photonics.com





DAY OF PHOTONICS

21 October 2022

DAY OF PHOTONICS

Day of Photonics

On 21 October 1983, the General Conference on Weights and Measures adopted value of $299,792.458$ km/s for the speed of light.

On the occasion of this anniversary, every year, hundreds of activities around the world are voluntarily organized including all kinds of public demonstrations on the impact of photonics on our day-to-day lives, as well as internal corporate discussions on business opportunities!

Companies, research organizations, and organizations involved in photonics reach out to their communities to raise awareness about what photonics is, why it's important and to promote the role of their organization in the photonics ecosystem and value chain.

www.day-of-photonics.org

St. Joseph's Institute of Technology, located in India became the winner of the most popular activity of the Day of Photonics 2022 with 210 reactions on LinkedIn!



EPIC Media Partners



EPIC collaborates with some of the leading magazines in the photonics field to further support its members.

- • Applicazioni Laser
- AZoNetwork
- Electro Optics
- Fibre Systems
- Photonics Spectra
- Laser Focus World
- IOP Publishing
- Medical Device Developments
- Novus Light Technologies Today
- Optical Connections
- Photoniques
- PIC International Magazine
- PhotonicsViews



EPIC Association Partners

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.

- 
-
- AILU
 - AIPH
 - CECIMO
 - Clean Rivers HUB
 - COBO
 - CSA - China SSL Association
 - DIGITALEUROPE
 - Driving Vision News (DVN)
 - European Machine Vision Association (EMVA)
 - FarmTech Society (FTS)
 - FTTH Council Europe
 - IEEE Photonics Society
 - IVAM
 - KM ZERO Food Innovation Hub
 - LAS - Russian Laser Association
 - OIF
 - Organic Electronics Saxony (OES)
 - PETRA
 - SEAFOM
 - SEMI
 - The Association for Vertical Farming
 - The Ethernet Alliance
 - The Nanophotonics Europe Association
 - UK Meta Materials Network
 - VR/AR Association (VRARA)

EPIC Partner Events



- • #AskTheExpert – High Power applications
- 12th CIRP Conference on Photonic Technologies
 - Aimen Laser
- AKL'22 – International Laser Technology Congress
- Baltic Photonics 2022 Advances in Laser Micromachining
 - DELO – AR/VR Hardware Conference
- European Conference on Integrated Optics, 23rd edition
- European Conference on Optical Communication – ECOC
 - Evolution from Pluggable to OIO
 - FOAN
- From Waveguides to Optical Transmission Systems
 - Image Sensors
- Industrial Need for Novel Microassembly Processes
 - Inside Quantum Technology
 - Inside Quantum Technology The Hague
- International Trade Fair for Laser Material Processing
- IWN2022: International Workshop on Nitride Semiconductors
 - LaserEMobility Workshop
 - Laserfair
 - LIGENTEC Winter School
- MarketsandMarkets Next-Gen Agritech Conference
 - Oasis 8
 - PhotonHub Training
 - POP3
- QBN Meeting on Quantum Communication
- Quix Quantum Webinar: 20-mode Quantum Photonic Processor
 - Semiconductor Packaging University Program
 - South China International Industry Fair
 - Synopsys Photonics Symposium
- Telecommunications, Optics and Photonics Conference
 - The Economist's Commercializing Quantum
 - World Ornamental Horticulture Summit

European Initiatives & Pilot Lines

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



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



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

www.multipleproject.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



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

www.pulsate.eu

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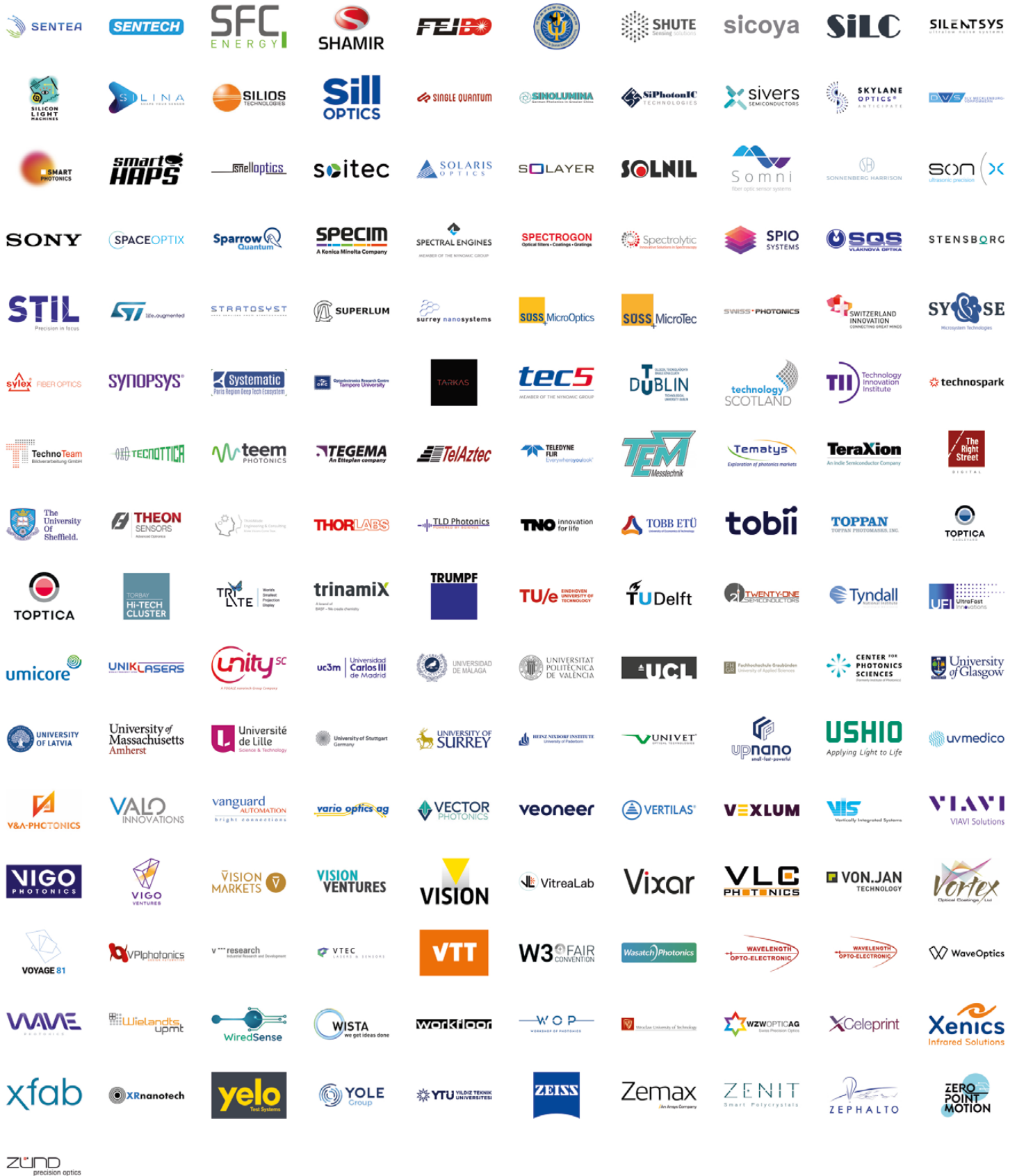
EPIC is the largest photonics industry association in the world already representing more than 800 companies. We are grateful to all the companies that support us on this enlightening journey promoting a sustainable photonics ecosystem.











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