



To Photonics21 Secretariat
via eMail: secretariat@photonics21.org

Dear Photonics21 Secretariat,

We herewith submit the nomination of the following Photonics21 Board of Stakeholders candidate
Coherent LaserSystems GmbH & Co.KG / Oliver Haupt

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2024**

Photonics21 Board of Stakeholders - Letter of Nomination

1. Full legal name of the affiliation nominated as BoS Member (candidate's organisation):

Coherent LaserSystems GmbH & Co.KG

2. Full contact details of the affiliation (street, postal code, country) nominated as BoS Member and invoice address *(In accordance with the Terms of Reference §5, which the Affiliation acknowledges having received, an Annual Service fee will be invoiced every year during the first quarter to the BoS Member. By signing the present letter, the BoS candidate agrees to pay this Membership Fee. The Fee will be considered an asset of the Photonics 21 AISBL in accordance with its statutes (article 12b).)*

Coherent LaserSystems GmbH & Co.KG
Hans-Böckler-Str. 12
37079 Göttingen
Germany

3. Name of the suggested BoS Representative (the personal candidate)

Dr. Oliver Haupt

4. Information about the BoS candidate and the BoS representative

a) Description of the activities and information about the expected contribution and value added the nominated BoS member (candidate's organisation) will bring to the BoS¹

Coherent is a global leader in materials, networking, and lasers for the industrial, communications, electronics, and instrumentation markets. The company is headquartered in Saxonburg, Pennsylvania. It was founded in 1971 to manufacture high-quality materials and optics for industrial lasers. Today, the company operates in more than 20 countries around the world. Coherent is focused on delivering innovations that fuel market megatrends while pursuing our mission of enabling the world to be safer, healthier, closer, and more efficient. Coherent empowers market innovators to define the future through breakthrough technologies, from materials to systems.

Coherent in Europe: 10+ business units and approx. 20% European employees Coherent has a significant footprint in Europe and is developing and producing lasers and photonic solutions which will be delivered to research and industrial customers worldwide. Coherent is engaged in several European programs, participating in research projects, and actively supporting the European Photonics Community.

INDUSTRIAL

¹ The candidate is aware and accepts that according to the Photonics21 Terms of Reference (§ 5 (10) a member ship fee - as determined by the General Assembly of the Association - needs to be paid to the Photonics21 association.

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For more than 50 years, Coherent technology has enabled advances in laser technology that continue to revolutionize manufacturing. Industrial lasers are increasingly more powerful, precise, and reliable, driving greater efficiencies. They have also become indispensable tools for manufacturing some of the most advanced products, from automobiles to medical devices. Customers leverage the deep expertise of our laser experts at Coherent Labs to expand materials processing capabilities and enable Industry 4.0.

COMMUNICATIONS

Coherent brings the world closer together with the industry's broadest portfolio of products for optical communications. The global optical network infrastructure underpins the internet and the cloud, a virtual place where people increasingly collaborate, shop, and find entertainment.

ELECTRONICS

Coherent leverages a powerful range of compound semiconductor technology platforms to address rapidly growing applications in consumer electronics and automotive. For example, our semiconductor lasers are embedded in the front of smartphones to securely unlock them through facial biometric measurements. Semiconductor lasers are also found on the back of the phone to scan surroundings for emerging augmented reality applications.

INSTRUMENTATION

Coherent makes the world healthier by leveraging its expertise in materials, optics, lasers, and thermoelectric. Our broad portfolio of products for the instrumentation market has been perfected over decades. They have been integrated into high-performance subsystems and produced at scale for our customers in three main applications.

Research and Development

Coherent continues to identify, invest in, and focus our research and development on new products and platform technologies in an effort to accelerate our organic growth. This approach is managed under a disciplined innovation program that we refer to as the Coherent Phase Gate Process. We devote significant resources to R&D programs directed at the continuous improvement of our existing products and processes, and to the timely development of new materials, technologies, platforms, and products. We believe that our R&D activities are essential to establishing and maintaining a leadership position in each of the markets we serve. In addition, certain manufacturing personnel support or participate in our research and development efforts on an ongoing basis. We believe the close interaction between the development and manufacturing functions enhances the direction of our projects, reducing costs and accelerating technology transfers. It also offers development opportunities to our employees.

b) Description of the activities and information about expected contribution and value added the BoS Representative (candidate / person) will bring to the BoS.

Dr. Oliver Haupt – Strategic Marketing Director at Coherent. Over 20 years' experience in general laser applications. Graduated in 1997 at the University of Applied Science in Kiel/Germany

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in the field of Mechatronics. From 2001 to 2011 he worked as a Scientific Researcher at Laser Zentrum Hannover/Germany in the field of laser-based material processing and process control. In 2009 he finished his PhD in mechanical engineering at the University of Hannover/Germany with the topics of laser-based cutting of semiconductors.

Started at Coherent in 2012 as head of sales for DPSS lasers, worked as product line manager for Coherent Excimer lasers and FlexOLED LLO systems in Goettingen/Germany, since 2015 focused additionally on laser based MicroLED and OLED display applications. Focus today is on strategic topics in the near to mid-term future and how photonics can help to support the big topics of Energy Transformation, Advanced Manufacturing, Healthcare, and Connectivity.

He published over 50 articles and scientific research papers in the field of photonics. Actively working in project programs with Fraunhofer institutions, he is member of Industrial Advisory Board for Application Panels at LASER World of PHOTONICS, member of the SPIE Conference Program Committee, member of SID – Society of Information Displays, well connected to several photonics research groups and photonics companies worldwide.

In the Photonics21 Board of Stakeholders Dr. Oliver Haupt will actively contribute and work to strengthen the leading role of Photonics Industry in Europe and be representative for the entire Coherent organization, especially for the European subsidiaries.