



To Photonics21 Secretariat
via eMail: secretariat@photonics21.org

Dear Photonics21 Secretariat,

We herewith submit the nomination of the following Photonics21 Board of Stakeholders candidate
Aixemtec GmbH / Tobias Müller.

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2025**

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§ 5 BOARD OF STAKEHOLDERS (6) b....A candidate nomination will always contain the name of the candidate organisation together with its proposed BoS Representative and voting on a candidate implies voting on this combination.

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

AIXEMTEC GmbH, part of Schunk Group

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).)*

AIXEMTEC GmbH, Campus-Boulevard 30, 52074 Aachen, Germany

+49 162 3019864 | tobias.mueller.ac@gmail.com

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

Tobias Müller, Chief Commercial Officer, Co-founder, Shareholder

4. Information about the BoS candidate and the BoS representative

Extract Photonics21 Terms of Reference¹: "§ 5 BOARD OF STAKEHOLDERS; ... (6) Election of BoS Members: "Description of the activities of, and information about the added value and contribution to the BoS by both the nominated BoS member 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 BoS²

AIXEMTEC GmbH is a high-tech equipment provider specialized in automated packaging and testing solutions for photonic systems. With a modular and flexible machine platform, AIXEMTEC addresses photonic applications in automotive LiDAR, semiconductor manufacturing, datacom/telecom, medical technology, and precision optics. Main Focus of AIXEMTEC is machining equipment of assembly of photonic components with accuracies in the nm-range. The machines are well equipped with high resolution imaging and functional control systems to allow a reliable assembly of micro optical and micro mechanical parts. AIXEMTEC is working

¹ Photonics21 Terms of reference are available at https://www.photonics21.org/download/about-us/structure/Photonics21_Terms_of_Reference_June_2021.pdf?m=1738079681&

² The candidate is aware and accepts that according to the Photonics21 Terms of Reference (§ 5 (10) a membership fee - as determined by the General Assembly of the Association - needs to be paid to the Photonics21 association.

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strongly together with research institutes on the one side and end users on the other side. As part of the Schunk Group, AIXEMTEC combines entrepreneurial agility with industrial scalability, supporting the European photonics ecosystem through innovation, industrialization, and collaboration with leading OEMs and research partners.

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

As BoS representative, Tobias Müller will contribute deep expertise in photonic system packaging, automation, and industrialization. Tobias Müller studied mechanical engineering at the RWTH Aachen University. Tobias Müller is the Chief Commercial Officer and one of the co-founders of AIXEMTEC GmbH - a Spin-off company of Fraunhofer IPT founded in 2016 which is a provider of industrial optics assembly machines and services. between 2020 and 2023 Tobias was technical director at AIXEMTEC, before Tobias was Head of the Optics Business Unit at the Fraunhofer IPT from 2018 - 2020. A team of 70 people dealing with the topics: Optics manufacturing, optical metrology, assembly and laser-assisted material processing. From 2016 to 2018, Tobias Müller headed the research group Precision Assembly and Automation at the Fraunhofer IPT. From 2012 to 2016, Tobias Müller has been working on the automation of assembly processes at Fraunhofer IPT with a focus on precision bonding with fast curing UV-adhesives. Beforehand, Tobias Müller has been working in the field of manual assembly of optical systems since 2008, starting at Fraunhofer ILT. He combines technical authority with commercial leadership and an international network, linking research, SMEs, and global industry players. With experience as entrepreneur, CTO, and CCO, he brings a holistic perspective bridging R&D and commercialization. He aims to strengthen Europe's position in photonic manufacturing and foster cross-sector collaboration within Photonics21.