



Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate (organization) / representative (person).

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2018**

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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):

Laser Zentrum Hannover e.V.

2. Full contact details of the affiliation (street, postal code, country) nominated as BoS Member and invoice address (in case the candidate is elected, the affiliation needs to pay an annual service fee according the Photonics21 Terms of Reference §5 (10)):

Laser Zentrum Hannover e.V.

Hollerithallee 8

30419 Hannover

Germany

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

Dr. Stefan Kaierle

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 (candidates organization) will bring to the BoS²

Light for Innovation – for over 30 years, the Laser Zentrum Hannover e.V. (LZH) has been committed to advancing laser technology. Research, development, consulting and training, and education in photonics and laser technology are the main tasks of the LZH, with the research focus being on

- Optical components and systems
- Optical production technologies
- Biomedical photonics

Work in the endorsed research projects always aims at current and future demands of business. For industrial projects, the focus of the work of the LZH is on direct customer benefits. Apart from these forms of technology transfer, the LZH provides knowledge in the form of bright minds in business and research, and has thus built up a remarkable network among

¹ Photonics21 Terms of reference are available at https://www.photonics21.org/download/about-us/structure/ETP_Photonics21_Terms_of_Reference_C3.pdf?m=1513688127&m=1499877714

² The candidate is aware and accepts that according to the Photonics21 Terms of Reference a service agreement and a service fee invoice is to be signed / paid with the Photonics21 association.

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the most different branches. 20 successful spin-offs have, up to now, had their beginnings in the LZH. Approximately 500 jobs have thus been formed, above all in the Hannover region. Scientists who decide to go on their own can “grow out” of the institute, by renting rooms and laboratories from the LZH during their startup phase. When they need larger facilities, they start to cut the institutional cord, and they move into a new establishment, preferably in the near surroundings.

In this way, the LZH has created an excellent transfer between basic research, application-oriented research and industry.

Furthermore, significant experience in European projects are the prerequisites to contribute substantially to the Photonics21 Board of Stakeholders. Due to its interdisciplinary settings, the Laser Zentrum Hannover covers many important topics relevant to Photonics21 and is therefore highly capable of bringing new ideas, visions and practical contributions to the BoS, especially with regard to elaborating research agendas and giving advice in the field of interest. Based on the vast experience of transferring basic research and lab results into real-world applications and creation of new jobs, LZH will supply their expertise to Photonics21 also for the benefit of other regions and member institutes/companies.

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

Dr. Stefan Kaieler, Executive Director of the Laser Zentrum Hannover e.V., has been involved in the Photonics21 activities right from the beginning. Being a member of the Work Group 2 (Industrial Manufacturing and Quality) he was strongly involved in the elaboration of the first Research Agenda in close cooperation with the Photonics21 secretariat and the WG members. Since then, he continued in the process of the further development of research agendas. Also, he presented several times on the occasion of international conferences and events the Photonics21 platform. As the Chairman of the Executive Board of the European Laser Institute (2003-2013) and the Member of Board of Directors of the Laser Institute of America, Stefan Kaieler has an excellent network in the field of Lasers and Photonics and will therefore be able to contribute significantly to the further activities of Photonics21 and specifically in the Board of Stakeholders. Having also been a member of the “Ad Hoc Industrial Advisory Group for the ‘Factories of the Future’ Public-Private Partnership”, representing Photonics21 in this advisory group, he has experience in linking between the PPPs and building up synergies.

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Final information from the Photonics21 secretariat:

- *We recommend limiting the BoS nomination letter to 3-4 pages max.*
- *Letters of nominations should be either submitted via the Photonics21 website*

<https://www.photonics21.org/bos-election/index.php>

or via e-mail to secretariat@photonics21.org.

- *It is highly recommended to consult the Photonics21 Terms of Reference before submitting the nomination.*
- *Please note that the deadline for providing BoS nominations to the Photonics21 Secretariat is the **21st September 2018**.*