



To Photonics21Secretariat
via eMail: secretariat@photonics21.org

Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholders candidate
Fluence / Michał Nejbauer

**Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2023**

Photonics21 Board of Stakeholders - Letter of Nomination

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

Fluence Sp. z o. o.

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).)*

Fluence Sp. z o. o.
ul. Kolejowa 5/7
01-217 Warszawa
Poland

Tax ID: PL5272776154

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

Michał Nejbauer

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

Fluence <https://fluence.technology> is a laser manufacturer based in Warsaw, Poland, focused on environmentally stable femtosecond fiber laser technology. The company's mission is to deliver maintenance-free femtosecond lasers with an exceptionally long lifetime. Long years of research have led Fluence to create shock and temperature immune femtosecond lasers which can be used in various fields: from science to industrial micromachining. Fluence expertise and products extend to optical parametric amplifiers and laser pulse diagnostics equipment, revising the standard approach.

Besides their technology expertise, Fluence is also a model example of the young high technology business: founded by scientists working at the university lab, it made the hard way from the product idea, through start up and scaling up phases to selling on competitive global industrial market.

A dynamic business having cutting edge technology products and an experience of the challenging growth is always an interesting partner in discussion on industry development.

¹ 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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Fluence will be a valuable contributor to Photonics21's Work Group 2: Manufacturing

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

Michał Nejbauer is a Co-founder and CEO of Fluence. He graduated in Physics (field of optics) from Warsaw University by making his first femtosecond CPA system. His Master thesis is still recommended to students as one of the most useful introductory lectures on laser technologies. After internships at Joseph Fourier University and CEA-Leti, Michał completed his Ph.D. in Laser Centre at the Institute of Physical Chemistry of the Polish Academy of Sciences by developing laser sources for femtosecond stimulated Raman spectroscopy.

Michał has more than ten years of hands-on experience in building ultrafast lasers from scratch in various technologies, emphasizing nonlinear light conversion techniques. Being a successful researcher with over 20 publications on pulse lasers, together with other laser experts he founded Fluence as he believes that femtosecond lasers can perform better. As the company successfully entered global market and became a member of EPIC, Michał is now recognised by both customers and laser industry community.

Michał is also a valuable contributor to the Polish photonics ecosystem. Fluence is a long-term member of Polish Technological Platform on Photonics (PPTF) and Michał is an active participant in community discussions and initiatives, recognised for his strong business-focused approach. He clearly serves as an inspiration for his team, as we see a larger group of Fluence employees active in our ecosystems, bringing new initiatives for other members.