



To Photonics21 Secretariat  
via eMail: [secretariat@photonics21.org](mailto:secretariat@photonics21.org)

Dear Photonics21 Secretariat,

We herewith submit the nomination of the following Photonics21 Board of Stakeholders candidate  
Alpes Lasers SA / Panagiotis Georgiadis.

**- 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):

Alpes Lasers SA

### 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).)*

Avenue des Pâquiers 1  
St-Blaise 2072  
Switzerland

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

Panagiotis Georgiadis

### 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 BoS<sup>1</sup>

Alpes Lasers is a Swiss engineering company pioneering advanced light sources. The company focuses especially on the design and fabrication of Quantum Cascade Lasers (QCLs), Interband Cascade Lasers (ICLs) and Short-Wave IR laser diodes, used in various applications.

Alpes Lasers has extensive experience in developing and delivering customized, application-oriented sources to be integrated in novel photonic systems. The company's devices can be tailored to emit at the desired part of the spectrum in the 0.9  $\mu\text{m}$  to 23  $\mu\text{m}$  region (and also THz sources beyond the 100 $\mu\text{m}$  limit).

Alpes Lasers' solutions include single mode lasers or broad gain illuminators, CW or pulsed lasers, tuneable laser (external cavity or extended tuning DFB sources) and high-power lasers, ensuring that the specific requirements of each application will be met.

Alpes Lasers produces a wide variety of laser sources, covering a very broad range of the electromagnetic spectrum, as illustrated in the figure below.

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<sup>1</sup> 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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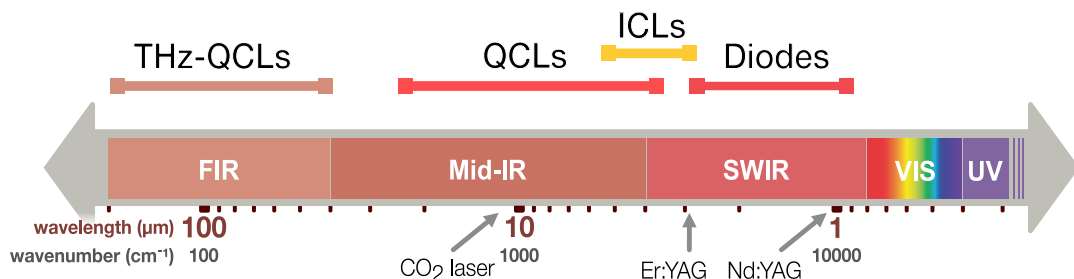


Figure: Alpes Lasers QCL, ICL and laser diode products in the electromagnetic spectrum

Alpes Lasers is a well-established stakeholder in the EU photonics ecosystem, and can provide valuable contribution towards promoting Photonics21's initiatives.

The company has also a very significant presence in research grants, with over 30 completed grants and over 15 active grants, so it will also contribute to Photonics21's strategic research agenda via its experience.

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

Mr Panagiots Georgiadis is currently the Head of Business Development at Alpes Lasers SA. He is a Materials Engineer, and holds an MPhil from Cambridge University on Micro- and Nano-technology Entrepriise.

He has had professional experience in various business sectors, such as: Photonics, Strategy & management consulting, Engineering consulting, Constructions, Aerospace, Water, Energy, Telecom, Environmental services & projects, Academia, and IT services.

He has participated in several Photonics21 working groups (groups 1, 3, 4, 5, 6 & 7), with most activity being in working group 5 on safety, security, space & defence.

He has experience with the processes and procedures of the Photonics21 BoS, as he has replaced Dr. Antoine Muller in the BoS in several occasions in the past few years.

Mr Georgiadis has a very strong background in the field of research grants and research projects in general, with a solid understanding on the current state of the art in various photonics technological domains.

He can contribute to the strategic planning of various working groups, and can assist in the planning of the Photonics21 SRIA.