



To Photonics21Secretariat  
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  
Minalogic Auvergne-Rhône-Alpes / Laetitia Schoutteten

**- 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):**

MINALOGIC AUVERGNE–RHONE-ALPES

**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).)*

MINALOGIC AUVERGNE–RHONE-ALPES  
c/o CEA Grenoble  
29, rue Félix Esclangon  
38054 Grenoble Cedex 9  
France

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

Laetitia Schoutteten

**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>

MINALOGIC is a global innovation cluster for digital technologies based in France's Auvergne-Rhône-Alpes region. MINALOGIC covers the entire digital value chain, combining micro / nano / electronics, photonics and software (its 3 strategic business areas). Minalogic gathers 500 members, among which 300 innovative SMEs/startups as well as the leading-edge research labs and universities in the digital technologies area. The cluster supports its innovative ecosystem by facilitating networking, fostering collaborative R&D, and accelerating business growth of its members. Members are mostly located in Auvergne Rhone Alpes Area, so that MINALOGIC has several antennas to cover all the territory (Grenoble, Lyon, Saint Etienne, Valence, and soon Annecy).

Thanks to its animation and resources, MINALOGIC brings a real value of support and coordination to academic (research and training) and industrial (big and small companies) strategies. The products and services developed by its members address all industries, from ICT and healthcare to energy, defense and advanced manufacturing.

The photonics innovation ecosystem summarized in key figures:

- First industrial region of France and second largest photonics region with 25% of the R&D activities
- 160 members affiliated to photonics

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<sup>1</sup> 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.

## Photonics21 Board of Stakeholders - Letter of Nomination

- an average of 7 startups created per year
- 25 certified subsidized projects in 2017 (regional and national)
- 14 H2020 running projects (SME Instrument P1 & P2, ICT...)
- 49 research laboratories

885 projects certified and financed since 2005 (216 projects supported in 2022): Région: 396 projects, France: 457 projects, Europe: 32 projects.

The ecosystem is particularly illustrated in the following technological sectors:

- |                    |                       |            |
|--------------------|-----------------------|------------|
| - Imaging          | - surface engineering | - lighting |
| - micro-nano-optic | - displays            | - energy   |
| - Instruments      | - materials           |            |

MINALOGIC is moreover involved in PHOTONICS FRANCE, the nonprofit organization which brings together photonics players in France and aims to promote the sector, alongside with other clusters: Alpha RLH, Club Laser et Procédés, Cluster Lumière, Optics Valley, Optitec, Photonics Bretagne, Pôle Microtechniques, Société Française d'Optique.

Finally, MINALOGIC is strongly involved in European projects and networks relevant for the Photonics Community:

- Photonhub Europe: Minalogic's role together with Photonics France is to bring Photon Hub offer to the regional level, engage with traditional and tech-savvy SMEs and disseminate the good results.
- EARASHI is a European network made of existing local ecosystems (such as Minalogic) to reach a large number of third parties and maximize the number of new innovative AI & Robotics at work solutions.
- Past relevant EU projects covered support to International Business on Defense and Security (KET4DUAL-USE), Support to demonstrating AI and sensing solutions on Small flying objects -Nanosat and drones (UFO) Supporting the digitalization of SMEs through CPS (DIGIFED) and OLAE (Smartees) technologies.
- MINALOGIC is a founding member of the Silicon Europe Alliance, uniting 11 ICT clusters of excellence in microelectronics and innovative software, gathering 2500 members across all Europe.

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

Laetitia SCHOUTTETEN ROUX, 54 years old, has a PhD in photo-physics obtained at Ecole Normale Supérieure de Cachan, dealing with time resolved fluorescence, single photon measurement in complex samples and laser device development.

She started her career within UNILEVER group (UK - Port Sunlight) to develop new optical techniques for surface characterization of human skin, in order to enhance personal care products efficiency (confocal microscopy). She integrated then a consulting agency (BloomMoon) to help companies to develop new products, in all domains (health, food, materials...).

## **Photonics21 Board of Stakeholders - Letter of Nomination**

In 2007, she joined Pulsalys, the technology transfer office and incubator of Université de Lyon / Saint-Etienne. As a project manager, she built industry driven R&D projects involving end users and suppliers, negotiated license agreements, helped researchers and companies on IP issues (she obtained the CAPI, certificate for IP delivered by INPI French institute of IP). She also supported startups (business, financial, human resources and tech aspects). Laetitia developed a relevant network in optics domains, applied to several areas (healthcare, automotive, ...). In her job, she also acted as an external expert for several collaborative research projects.

Her interpersonal and communication skills have led her to integrate MINALOGIC in 2023, the Digital Innovation Cluster of Auvergne Rhone Alpes Region, as Optic Photonics Manager. She is now supporting some 150 photonics companies and research institutes to find partners and funding opportunities to develop innovation projects and products. She organizes events to enhance exchanges in this community, diffuses relevant information in order to improve the growth of their business and technology portfolio of the cluster's members. . She also helps academic laboratories to collaborate, and student to integrate companies.

Laetitia has a strong technical background, an expertise in technology transfer and startup creation in photonics, a professional network with private partners as well as academic laboratories in the Auvergne-Rhone-Alpes Region. In addition, she has developed a strong ability for networking, for interpersonal relationships, collaboration with innovation support structures and relevant regional, national and European initiatives for photonics. Considering her proficiency at dealing with industries and funding stakeholders, Laetitia will be a relevant and active member of the Photonics21 Board of Stakeholders.