



To Photonics21 Secretariat
via eMail: secretariat@photonics21.org

Dear Photonics21 Secretariat,

We herewith submit the nomination of the following Photonics21 Board of Stakeholders candidate
Prima Additive Srl / Paolo Calefati.

**- 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):

Prima Additive Srl

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).)*

Prima Additive Srl
Corso Re Umberto, 54
10128 Torino
Italy

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

Paolo Calefati

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

Prima Additive is part of Prima Industrie Group and it develops, manufactures, sells and distributes industrial advanced laser systems for material processing. Benefiting from Prima Industry's long-standing experience in the field of laser sources, laser machinery and services, Prima Additive supports its customers in developing innovative applications driven by emerging needs and demand in major industrial sectors where laser process is rapidly evolving. Prima Additive's product portfolio includes the two largest laser technologies on the market for metal 3D printing applications and other advanced laser solutions such as remote welding, laser treatment and laser texturing, and aspires to become one of the leading manufacturers in the advanced laser systems in material processing market through both strategic partnerships and innovative solutions.

Prima Additive is an active participant in several research consortia and innovation projects focused on additive and advanced laser technologies, both in Europe and Italy. With its committed and continuous involvement, Prima Additive is recognized today as an important player at a European level and aspires to contribute substantially in expanding the use and implementation of advanced laser solutions within the concept of the Factory of the Future.

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

Paolo Calefati has been involved on the Board of Stakeholders of Photonics 21 since four years ago. He's the CEO and Co-founder of Prima Additive srl. Prima Additive is a company of Prima Industrie Group where he has been in charge for five years, since 2017, as the head of Additive manufacturing. In this role he took care about all aspects related the R&D and product development activities. He was appointed as Vice President Innovation of Prima Industrie for ten years and he was responsible for the innovation programs especially regarding use of laser in material processing, for laser sources and optics developments and industry 4.0 topics. During this period, he was coordinator of several EU projects:

- WISE (2024-2027) Multi-scale multi-process machine for high value-added complex products with disruptive functionalities
- FLASH (2024-2027) Flexible Laser-based mAnufacturing through precisiON pHoton distribution
- MESOMORPH (2020-2023) All in one machine for hybrid technologies enabling high value added multi-scale integrated micro opto electronics
- AVANGARD (2019-2022) Advanced Manufacturing Solutions tightly aligned with business needs (Horizon 2020 project)
- 4D Hybrid (2016-2019): Development of hybrid technology for additive and subtractive manufacturing technology (Horizon 2020 project)
- Borealis (2015-2018): The 3A energy class flexible machine for new additive and subtractive manufacturing on next generation of 3D metal parts (Horizon 2020 project)
- ICP4LIFE (2015-2019): Integrated Collaborative Platform for managing the product service Engineering Lifecycle. (Horizon 2020 project)
- WhiteR (2013-2016): White Room based on Reconfigurable Robot Island for optoelectronics (laser diodes, multi emitter)
- LIFE (2012-2014): Innovative, eye safe, high power, efficient fiber laser
- ENEPLAN (2012-2014): Energy efficient process planning system for a resource-efficient production in manufacturing

He's currently board member of the MICS association (sustainable and circular manufacturing made in Italy) and of the Italian Competence Center CIM4.0. He was a supervisory board member of the EIT (European Institute of Innovation and Technology) Manufacturing and he was in the board of the Italian Cluster Fabbrica Intelligente.

He participates proactively in EU and Italian innovation programs in photonics and manufacturing and his background come from research in electronics and photonics.