



Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate
Universitat Politècnica de Catalunya / Santiago Royo

**- 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):
Universitat Politècnica de Catalunya (UPC)

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)):

Contact: Rambla Sant Nebridi 10 E08222 Terrassa
Invoice; C/Jordi Girona 31 E08034 Barcelona

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

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

Santiago Royo has been a member of the Board of Stakeholders for the last four years, and holds currently the joint secretary of the Spanish Technology Platform Fotonica21, where he is actively involved in the activities of the PPP. He has participated in the elaboration of the roadmap agenda of different workgroups (WG3, WG5) and application areas (Automotive and transport) in the current process towards Horizon Europe and in past framework programmes. He is thus actively supporting the deploying of the PPP activities at present and in the past.

From Fotonica21, he has participated in the organization of different dissemination activities around Photonics directed to different industries throughout Spain, and acted as local co-organizer of the last European Photonics Venture forum. He is thus, an active member of the Photonics21 community at present. He is also active in several other forums related to Photonics, including the European Optical Society, the European Photonics Industry Consortium (EPIC), and the Southern European cluster on Photonics and Optics (SECPHO). He is also Senior Member at SPIE and the IEEE Photonics chapter.

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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Beyond this involvement, his experience can contribute to the development of research to market pathways as he is both a spin-off founder and a researcher in the university. He has currently founded three different spin-off companies from his research results, and holds 11 licensed patents which are being exploited in different markets. He is also director of CD6, a research Centre within UPC devoted to industrial applications of Optical Engineering in the Greater Barcelona area, where has led over 20 years knowledge transfer projects to the local industry.

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

I believe that defending the activities of the Photonics PPP and its achievements are one key milestone for the future of Europe. In a world where public investment in Photonics has become strategic for the main world economies, having the capability to drive the research procedures in a participative process with the full community involved is extremely important, and makes a difference. More if we consider Photonics a thriving, strategic sector which is competing to well-established technologies and sectors. Photonics needs be seen as a strategic, Key Enabling Technology for the future of Europe, and we, as we have been until now, need be a high-performance PPP to the eyes of the Commission.

Besides, innovation driving that research to real-world market activities will be needed in a sector with a large weight of SMEs. The intertwining of the activities of knowledge generation (in Universities and Research Centres), SMEs and large enterprises needs be pushed forward with the focus of the generation of wealth and economic activity, which closes the loop to generate new research to foster further research developments. I firmly believe my experience both in the research and industrial sides can strongly contribute to build bridges in that direction.

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**.*