



To Photonics21Secretariat
via eMail: secretariat@photonics21.org

Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate
Photonics Leadership Group / John R. Lincoln

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2021**

Photonics21 Board of Stakeholders - Letter of Nomination

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

Photonics Leadership Group. Registered in England as Photonics Leadership Limited, company number 04223669

2. Full contact details of the affiliation (street, postal code, country) nominated as BoS Member and invoice address

Photonics Leadership Group, 36 Manor Road, Salisbury, SP1 1JS, United Kingdom.

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 Service Fee. The Service Fee will be considered an asset of the Photonics 21 AISBL in accordance with its statutes (article 12,c)

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

Dr John R. Lincoln

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 (candidates organization) will bring to the BoS¹

The Photonics Leadership Group (PLG) represents the 1200 firms and 76,000 people that make up the €16.9 billion (£14.5 billion) UK Photonics industry. The PLG's core purpose is to nudge policy, research and industrial photonics communities into mutually beneficial directions to accelerate the growth support and awareness of photonics – www.photonicsuk.org By providing rapid and informed commentary the PLG has established itself as a valued source of information for policy makers, industry and researchers. The PLG provides frequent input direct to the UK government on the design and impact of emerging government policy to the Department for Digital Culture Media and Sport (communications) and the Department for Business, Energy & Industry Strategy (research Innovation & manufacturing). We have

¹ 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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championed engagement with Europe and provided influential input on the importance of the UK being a full partner in Horizon Europe as well as refinement of specific laws e.g. UK national investment infrastructure legislation - <https://photonicsuk.org/contributors/plg-achievements> . The PLG also provides the secretariat for the All Party Parliamentary Group on Photonics and Quantum made up of Members of the UK Parliament and House of Lords.

The PLG provides biennial updates on the size of the UK photonics industry and maintains a full public directory of all 1200 organisations engaged in photonics in the UK. The PLG's 'Future Horizons for photonics research 2030 and beyond' provides a unique insight into potential future directions for photonics research following extensive consultation with leading photonics researchers and compiled with critical input from early career researchers. To align photonics with developing policy mega trends, the PLG also provides analysis and presentations emerging policy trends in UK, highlighting where Photonics will have impact.

An example of our impact is the €35million UK government competition on diversifying the 5G supply chain launched in 2021 specifically to support innovation in next generation optical communications. The first such program to support specific photonics hardware innovation in optical comms from the UK in over a decade.

The PLG has long championed photonics in Europe. We actively encourage participation in European programs and in Photonics21. Updates on Photonics21 and European activities are standing items for discussion in all PLG meetings, multiple active members participate in EU projects and we have long maintained communications with the Photonics21 secretariat. The PLG communicate directly with government department on the impact, methods and benefits of engagement with European programs in areas relevant to photonics.

Direct membership of the Board of Stakeholders by the PLG will cement the UK's interaction and interface with Photonics21 and enable a route for input from the wider UK photonics community who are not represented directly in Photonics21. We have whole heartedly campaigned for and welcomed the full participation of the UK in Horizon Europe as associate members. Despite the UK's new relationship with Europe we absolutely hope to continue to work closely with our European friends to build a bigger better photonics industry.

b) Description of the activities and information about expected contribution and value added the BoS Representative Dr John Lincoln will bring to the BoS.

Dr John Lincoln has been Chief Executive of the UK Photonics Leadership Group since 2013, elected annually by representatives of the UK photonics community. John provides a key point of interface for photonics with UK government, distilling policy developments to the photonics industry and research communities whilst feeding back company & research directions, capabilities and opportunities. John brings to the BoS insights on emerging policy trends, a deep understanding of where photonics will have impact and an in-depth appreciation of what can be gained by aligning research direct, industry strategy and policy mega trends.

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John has over 30 years' experience in photonics. He has developed commercial lasers and components impacting across society, raised venture capital funds, secured substantial trade sales and steered influential policy (Coherent Inc, Sifam/JDSU/ G&H, Mesophotonics). He was one of the central authors of the influential 'The Leverage Effect of Photonics Technologies: the European Perspective' 2012 report that first quantified the impact of photonics on the European economy.

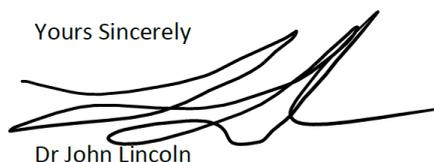
John has been a long time champion for Photonics 21 and the benefits of pan European collaboration. He has attended multiple P21 annual meetings going back over 10 years, provide input to multiple working groups and encouraged others to take an active part in working group, especially revision and drafting of programme recommendations. As Chief Executive of the PLG he has contributed to multiple editorial and opinion piece articles on the importance of remaining engaged in Europe despite Brexit. (Electro Optics, March 2021, May 2016; Optics & Photonics News Sept 2016, March 2021)

Outside the PLG John is a Coach in European EIC program and the previous EU SME instrument since the programme's inception, providing coaching from Finland to Turkey. He provides strategic support to SPIE on Europe, sizes enabling technologies in the UK and international including Photonics in Australia and New Zealand plus Acoustics and Fluid Dynamics in the UK, championing the process and methodologies for doing so. John provides business development support to SMEs and Universities and has supported UK participation in the Photonics Digital Innovation Hub programme and previously ACTPHAST and PHOTONIC4ALL championing inclusivity and diversity and the engagement of those at the start of their photonics careers. John hold an MBA from Exeter University, a Phd in Physics from University of Southampton (Rare Earth spectroscopy) and a BSc in Physics from University of Edinburgh.

Looking forward John, sees positioning photonics as a key enabler for achieving Net Zero as one of the biggest challenges and opportunities for photonics over the next 5 years. Making photonics a part of the solution will be essential, not just for maximising political and policy support, but also for recruiting the next generation of talent to photonics. Placing photonics as a central element in achieving Net Zero will also provide a framework for enhanced engagement with vertical challenges that will be a key characteristic of Photonics 21 in Horizon Europe.

As someone who has worked with Photonics21 from through many years and multiple framework programs I look forward board of stakeholders election and engaging yet more with Photonics21 members.

Yours Sincerely

A handwritten signature in black ink, appearing to read 'Dr John Lincoln', written over a horizontal line.

Dr John Lincoln