



Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate (organization) / representative (person).

**- 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):

Eindhoven University of Technology (TU/e)

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)):

Technische Universiteit Eindhoven
P.O. Box 513
5600 MB EINDHOVEN

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

Mike Wale

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

Eindhoven University of Technology (TU/e) is a research university specializing in engineering science & technology. The TU/e Institute for Photonic Integration (IPI) integrates all research areas crucial to photonics (materials and devices, components, circuits, systems) and cooperates with initiatives that bring photonic research results to a higher Technology Readiness Level.

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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The Institute's ultimate mission is to break through current technological and theoretical limits in photonics along the entire value chain, thereby contributing to solving some of society's most pressing problems such as the imminent congestion of our electronic superhighway. This is done by fostering expertise and training engineers and researchers to develop new photonics applications and integrate electronics with photonics. The groups brought together within IPI provide exactly the expertise needed to achieve this.

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

Michael Wale was acting as a Photonics21 Executive Board member (Work Group 6) for more than 10 years. He received his BA, MA and DPhil degrees from the University of Oxford. His career in industry (Oclaro, Caswell and its predecessors: Bookham, Marconi Optical Components, Marconi Caswell Ltd., GEC-Marconi Materials Technology Ltd. and Plessey Research Caswell Ltd) spans more than three decades, during which he has been engaged in a wide range of activities relating to research, development and manufacturing of photonic devices and systems.

From 2002 to 2018 he served as Director, Active Products Research at Oclaro and directed optical device R&D at Caswell from acquisition by Bookham through its transformation into a global company, including consolidation with the former Nortel Networks Optical Components business. Responsible for development of optoelectronic devices underpinning new products, including the DSDBR tunable laser and other semiconductor laser devices, photodiodes, high speed modulators and integrated optical and optoelectronic circuits in InP and GaAs. His role has focused on needs for next-generation products, and on developing new business opportunities.

Mike is Full Professor of Photonic Integration/Industrial Aspects at TU Eindhoven, The Netherlands, and Honorary Professor of Optical Communications at University of Nottingham, UK. Mike will contribute to the BoS his vast experience and background of Photonics industry and academic research with a dedicated focus on the further development of Photonics integrated Circuits in Europe.



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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**.*