



To Photonics21Secretariat  
via eMail: [secretariat@photonics21.org](mailto:secretariat@photonics21.org)

or via Mail:  
c/o VDI Technologiezentrum GmbH  
Abteilung Innovationsberatung und -begleitung  
Attn: Barbara Kehrer, Ursula Tober, Markus Wilkens  
VDI Platz 1  
40468 Düsseldorf  
Germany

Dear Photonics21 Secretariat

We herewith submit the nomination of the following Photonics21 Board of Stakeholder candidate  
Leica Microsystems ,(organization) / Julian F Burke , representative (person).

**- Letter of Nomination -  
Photonics21 Board of Stakeholders  
Election 2020**

## Photonics21 Board of Stakeholders - Letter of Nomination

*§ 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):**

Leica Microsystems GmbH

**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)):**

Leica Microsystems Group  
Lothbury House  
Cambridge CB5 8PB, UK

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

Julian F Burke PhD

**4. Information about the BoS candidate and the BoS representative**

*Extract Photonics21 Terms of Reference<sup>1</sup>: “§ 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 BoS<sup>2</sup>**

Leica Microsystems brings to the BoS the knowledge of global markets and industrial innovation. As the company licenses in technology from SMEs and universities the company is familiar with the routes to market for these organizations. Widely recognized for optical precision and innovative technology, Leica Microsystems is one of the market leaders in compound and stereo microscopy, digital microscopy, confocal laser scanning and super-resolution microscopy with related imaging systems, electron microscopy sample preparation, and surgical microscopy. Users of Leica Microsystems' instruments and services can be found in both clinical and life science research, several surgical specializations, disciplines associated with material sciences, the manufacturing industry, and forensics services as well as

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<sup>1</sup> Photonics21 Terms of reference are available at

[http://www.photonics21.org/download/general\\_inf/TermsOfReference/ETPPhotonics21TermsOfReference.pdf](http://www.photonics21.org/download/general_inf/TermsOfReference/ETPPhotonics21TermsOfReference.pdf)

<sup>2</sup> 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.

## Photonics21 Board of Stakeholders - Letter of Nomination

in classrooms around the world. Instruments and workflow solutions for electron microscopy sample preparation for life sciences and industrial applications alike complete the company's product portfolio.

Leica Microsystems has seven major plants and product development sites located in Wetzlar and Mannheim (Germany), Vienna (Austria), Heerbrugg (Switzerland), Cambridge (UK), Shanghai (China), and Singapore. The company is represented in over 100 countries, has sales and service organizations in 20 countries, and an international network of distribution partners. Its headquarters are located in Wetzlar, Germany. Leica Microsystems is part of Danaher.

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

Prof. Julian F. Burke BSc, PhD, FRSB.

Chief Scientific Officer, Leica Microsystems

Julian he has a keen interest in optical tools for biological discovery, diagnosis and medical applications. In his current role he is chief scientist and VP new ventures for Leica Microsystems's parent company Danaher Corporation. He is responsible for finding small innovative companies to invest in and also responsible for due diligence. Julian joined Leica Microsystems as the result of the acquisition of Genetix Group plc. in January 2010. His work with Genetix started in November 2000 after selling his own businesses, Genpak Limited and Genpak Inc. While a faculty member at the University of Sussex he founded the businesses to develop reagents for DNA sequencing and robotics. He lectured in biochemistry and molecular genetics and his principle research interest was in neurobiology and neuropeptide signaling via G protein coupled receptors. In this context he has consulted widely. Previously he was a Senior Research Fellow at the MRC, a Fellow at CRUK and a WHO Fellow at the Roswell Park Cancer Center, NY. USA. . He is also currently a trustee of The Company of Biologists Ltd and a visiting professor at Southampton University. He has over 100 publications and 10 patents.

### *Final information from the Photonics21 secretariat:*

- *We recommend limiting the BoS nomination letter to 3-4 pages max.*
- *Letters of nominations should be submitted electronically to [secretariat@photonics21.org](mailto: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 **25<sup>th</sup> August 2020**.*