



To Photonics21Secretariat
via eMail: secretariat@photonics21.org

or via Mail:
c/o VDI Technologiezentrum GmbH
ST / QS
Attn: Barbara Kehrler, 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
ADVA / representative Michael Eiselt.

**- Letter of Nomination -
Photonics21 Board of Stakeholders
Election 2019**

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):

ADVA Optical Networking SE

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

**Maerzenquelle 1-3
98617 Meiningen
Germany**

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

Michael Eiselt

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

ADVA is a globally active manufacturer of optical networking equipment with worldwide more than 900 employees in Research and Development, out of which approximately 600 are located in Europe. ADVA's Advanced Technology department provides applied research in all areas of optical networking, including photonic integrated circuits (PICs), transmission systems from access over data center interconnects to long-haul, network

¹ Photonics21 Terms of reference are available at

http://www.photonics21.org/download/general_inf/TermsOfReference/ETPPhotonics21TermsOfReference.pdf

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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management, software defined networking (SDN) and network function virtualization (NFV), and quantum secure communications. ADVA is involved in 7 national and 7 European research projects. This breadth of technologies and research topics enables ADVA to provide insight into future relevant technology topics, including the interdependencies between components and systems and hardware and software.

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

Michael Eiselt received the Dipl.-Ing. degree in electrical engineering from the University of Hannover, Germany in 1989 and the Dr.-Ing. degree from the Technical University Berlin in 1994. He supplemented his studies with business topics to receive a diploma degree in industrial engineering in 2013. He was a member of technical staff at the Heinrich-Hertz-Institute in Berlin, and a Visiting Researcher at AT&T Bell Labs. From 1997 to 2000, Michael was a Principal Technical Staff Member at AT&T Labs-Research, and then joined Celion Networks in Tinton Falls, NJ, as Principal Architect. In 2005, he moved to ADVA Optical Networking in his native Germany, where he is currently the director of the optical advanced technologies team, working on all photonic physical layer aspects from components to systems.

Michael is also actively participating in ITU-T SG15-Q.6 and has authored or co-authored more than 200 journal and conference publications, has co-authored one book, and is an inventor on more than 50 patent families. He is a Fellow of the Optical Society of America and a Senior Member of the IEEE Photonics Society. He has been, and is, involved in various national and international projects, among them as cluster lead in the German projects 100GET-METRO, ADVAntage-NET and ADVAntage-PON, and as principal investigator in the European DICONET, C-3PO, 5G-Xhaul and BlueSpace projects.

Michael brings to the table three decades of experience with all aspects of optical networking and optical communications systems. Having worked for a telecom operator as well as for system vendors, he will be able to derive future requirements for photonic systems, modules and components. He has already contributed to the Photonics21 Strategic Roadmap 2021-27 and has represented ADVA as a proxy for J.-P. Elbers in a BoS meeting.

Final information from the Photonics21 secretariat:

- We recommend limiting the BoS nomination letter to 3-4 pages max.
- Letters of nominations can either be submitted
 - A) electronically (secretariat@photonics21.org) - **PREFERRED**

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- *B) by post mail to:*

*VDI Technologiezentrum GmbH
ST/QS
B. Kehrer/ U. Tober/ M.Wilkens
VDI-Platz 1
40468 Düsseldorf
Germany*

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 2019.** This is also valid for postal submission.*