



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**

## 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):**

SENORICS 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)):**

SENORICS GmbH  
c/o TU Dresden  
Noethnitzer Str. 61  
D-01187 Dresden

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

Dr. Ronny Timmreck

**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>

**Description of the BoS member:**

SENORICS is a high-tech start-up originating from the University of Technology Dresden commercializing an optical sensor solution for near-infrared (NIR) spectroscopy based on organic electronics. This proprietary technology allows small, robust, wavelength selective and fully customizable detectors enabling NIR-spectroscopy on a chip level. Thus, SENORICS can deliver unique solutions for a multitude of measurement and detection problems in industrial applications. Examples are determining ingredients or compositions of raw materials, consumables or end products in the food, chemistry, packaging or automotive industry and many other branches. Moreover, SENORICS technology is enabling the design of new small and mobile mass market devices for consumers including NIR-spectroscopy chips for smartphones.

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<sup>1</sup> 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](https://www.photonics21.org/download/about-us/structure/ETP_Photonics21_Terms_of_Reference_C3.pdf?m=1513688127&m=1499877714)

<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.

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### Information about the expected contribution and value added by the BoS member

The research results SENORICS is based on were partly acquired with funding of the European Union especially from FP7 and HORIZON2020. Therefore, SENORICS contributes practical experiences with the whole process of EU-funding.

As a young high-tech enterprise, SENORICS also contributes the specific needs of high-tech start-ups. As start-ups are nucleuses for innovation and economic success it is a strategic goal of the European Union to support them. Consequently, start-ups should also be part of PHOTONICS21. SENORICS will contribute the specific perception of start-up to PHOTONICS21.

SENIORICS is very much experienced with the process of transferring research results into real products and solving real problems of people. As research should never be an end in itself but be focused on people's well-being, SENORICS should be part of PHOTONICS21.

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

Dr. Ronny Timmreck received his diploma degree in physics from the University of Technology Dresden, Germany and his PhD for a work on organic solar cells in the group of Prof. Karl Leo renowned for the organic electronics start-ups Novald and Heliatek. He worked as researcher in Karl Leo's labs and was responsible for several successful proposals for EU and German federal grants.

Ronny founded his first start-up at the age of 23 and developed this company to a leader in its branch. In 2015 he took the lead in the start-up project SENORICS and developed the project with the help of EU-grants into a successful early-stage start-up with venture capital funding. Since the foundation of SENORICS in 2017 he is CEO.

As a proxy for Prof. Karl Leo, Ronny was already active in WG4 of PHOTONICS21 and is familiar with the procedures.

Ronny Timmreck can contribute his practical hands-on view of the EU-funding process as well as a deep technological understanding of photonic technologies and especially its potential applications. Ronny contributes a clear market-oriented view on technologies and how they can help the people in the European Union and the rest of the world.

As he is a successful high-tech start-up founder, he contributes experiences in identifying overlap between technology and market needs.

### *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*

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<https://www.photonics21.org/bos-election/index.php>

or via e-mail 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 the **21<sup>st</sup> September 2018**.*