



To Photonics21Secretariat
via eMail: secretariat@photonics21.org

or via Mail:
c/o VDI Technologiezentrum GmbH
ST / QS
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
Luger Research e.U. / Mr. Siegfried Luger, EMBE.

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

Photonics21 Board of Stakeholders - Letter of Nomination

1. Full Legal Name: Luger Research e.U.

2. Luger Research e.U., Moosmahdstrasse 30, 6850 Dornbirn, Austria | +43 5572 393389
info@lugerresearch.com

3. BoS Representative: Mr. Siegfried Luger, EMBE

4. Information about the BoS Candidate

Luger Research e.U. - Institute for Innovation and Technology - was established in 2001 to support organisations, SMEs and entrepreneurs with research and development studies in the field of Solid-State Lighting (SSL). The organization boasts over 50 years of experience in lighting with core competencies in LED lighting, electronics, lighting design, energy efficiency as well as lighting market analysis, patent analysis, innovation management, product management, entrepreneurship and business strategy. Since 2006 the organization is also responsible for publishing the LED professional Review (LpR), a leading lighting technology magazine, and since 2011, organizing the LED professional Symposium +Expo each year in Bregenz, Austria. With a core team based in Dornbirn, Austria, Luger Research e.U. works with representatives in 10 countries worldwide. The organization has published several technology and market research and patent analysis reports.

Guideline of Luger Research e.U.: „We contribute to environmental sustainability, individual health and well-being with lighting technologies. We independently foster a global understanding of future lighting solutions by raising awareness, spreading information, communicating breakthroughs in scientific research and industry, supporting lighting programs and facilitating social development activities“.

www.lugerresearch.com

www.led-professional.com

www.led-professional-symposium.com

Siegfried Luger is the Founder and CEO of Luger Research e.U., founder and publisher of the LED professional trade journal and director and program manager of the LED professional Symposium +Expo. Prior to establishing his independent company, he worked as an R&D Manager for 14 years at Zumtobel Group. During his career, he has been involved in various areas of solid-state research and is an expert in the fields of LED lighting, design for Six-Sigma (DFSS) and TRIZ. He holds a degree in Electronics & Telecommunications as well as an Executive Masters in Business Engineering. He holds over 50 patents in the field of lighting.

<https://www.linkedin.com/pub/siegfried-luger/20/3a7/97b>

Photonics21 Board of Stakeholders - Letter of Nomination

- 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

Luger Research e.U. was founded to support green and sustainable lighting technologies by providing support as a technology and innovation consultancy in SSL, lighting research/laboratory and through a dedicated publication. SSL innovations have unlimited potential to enhance people's lives with huge industrial, economic, scientific and social impact and contribute towards a green and sustainable society. Since SSL is the technology of choice for both conventional and emerging lighting applications, it is largely becoming a strategic industry, with rapidly changing business and innovation models and lowered entry barriers. It is generally accepted in the industry that SSL related challenges could be solved with open dialogue and strong partnerships between all stakeholders.

The consulting service of Luger Research e.U. comprises supplier, technology and patent studies for industrial companies. With their theoretical and practical work with LED Lighting research topics, primarily within the framework of government-run research projects, Luger Research e.U. makes a direct contribution and gathers indispensable knowledge to further the development of LED Lighting Technology. The organization was responsible for the concept, engineering of electronics and smart lighting controls for the 3-year 'SoLED' project. The project developed and tested state-of-the-art, modern and compact LED alternatives for street lighting and these products are currently available for use.

The LED professional trade journal is a leading resource for all aspects of design, engineering and applications of LED and OLED technology. With a worldwide distribution of over 22,000 and over 200,000 page-views per month for the online information, it is already an essential tool used by decision makers in the LED lighting industry. It was the first publication to be awarded membership with the International SSL Alliance.

The LED professional Symposium +Expo (LpS) is Europe's foremost technology fair for lighting experts in industry and research. It is a well-established and widely recognized platform covering SSL technologies for luminaires, lamps and modules focusing on new system approaches, novel components and up-to-date design methodologies. The LpS is organized with a network of 4 scientific partners, 6 supporting organizations and over 20 media partners and has a growth rate of 25% each year. It is the only European event serving as a technology platform for the international lighting industry and is a focal point for LED and OLED technology.

As such Luger Research e.U. already plays a key role in initiating and encouraging dialogue among key stakeholders in the European lighting industry. The organization can provide valuable insights into the current and future trends in solid-state lighting by bringing together all technological aspects of LED and OLED including legislation, standardization, research & development, manufacturing and supply & distribution. LED professional is already part of international co-operations and with its wide network in Austria and worldwide, Luger Research e.U. can also provide valuable information about SSL products, design and innovation to SMEs and entrepreneurs.

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

As founder and CEO of Luger Research e.U., and with over two decades of industrial experience, Siegfried Luger has a long standing reputation as an expert in the field of solid state lighting. He plays an advisory role for major lighting companies, providing insights into design innovations, technologies, market trends, patents and designing workshops based on SSL technologies. As such, his knowledge and experience can be extremely valuable for major companies as well as SMEs to understand the direction of innovation as well as the rapid changes and focus areas driving the solid-state technologies of today. He can provide a comprehensive European and global perspective on the challenges and opportunities afforded by this technology and support industry in the area of systematic innovation. Further, his strong technical background would be an asset towards contributing to H2020 discussions and trends in solid-state lighting, which is a key European focus for a green and sustainable society.

Specifically named collaborations and community access:

Partnership with LightingEurope

Member of the ISA (China): Information about Chinese SSL activities

Member of EPIC (France): Collaboration activities in the Photonics Industry

Member of Photonics Austria: Photonics activities in Austria

Expert Networks Access through: LinkedIn – 5000+, Twitter Follower – 19.000+, Newsletter Subscribers – 32.000+, Magazine Subscribers – 32.000+, Webpages per month 220.000+, LpS Event Attendees – 2.000+

In 2017 Siegfried Luger has founded Trends in Lighting, a new lighting event dedicated for Architects and Lighting Designers to close the gap between Technology and Application.