

## **Becoming a flagship of the UV LED community – ICULTA 2021**

Press Release: Berlin, April 29, 2021

For the second time, ICULTA – the 'International Conference on UV LED Technologies & Applications' – presented a forum for the UV LED community to exchange ideas and results on cutting-edge topics. The program of last week's virtual event covered the most recent and novel developments in UV LED manufacturing, including applications in health care, environment and life sciences, curing, and metrology. A running theme in many of the sessions was the role of UV and UV LEDs to address Covid-19, in particular the disinfection of air and surfaces. Overall, the conference served to bring together the world's foremost LED makers, users, and researchers in an environment that fostered an excellent and productive sharing of information.

### **Unique conference covering the wide range of UV LED topics**

"The strong attendance with over 320 participants from 33 countries has shown how necessary the exchange between UV LED developers and users is", concludes Sven Einfeldt on ICULTA 2021. The conference chair from Advanced UV for Life and Head of the GaN Optoelectronics Lab at Ferdinand-Braun-Institut in Berlin highlights the lively and fruitful discussions in the live chats. "In order to advance UV LED technologies, it is important to look beyond our own horizons. We have provided this opportunity with ICULTA 2021."

A panel discussion on the urgent need and difficulties for standardization and certification of water disinfection systems completed the conference. Experts in the field of characterization of the optical properties of UV LEDs and lamps, manufacturers of UV disinfection systems, certification institutions, and final users took active part in this open exchange. Oliver Lawal, CEO of Aquisense Technologies and ICULTA co-chair from the International UV Association (IUVA) summarizes: "In this panel, we agreed that the current standards for mercury lamp systems have somewhat limited applicability to UV LED systems. However, we have to find a global consensus to simplify market access for the innovative semiconductor-based products, yet ensure robust and safely deployed solutions."

### **To be continued...**

The entire field of UV LEDs continues to evolve dynamically. Many exciting developments, such as increasing power and efficiencies, and falling prices of UV LEDs, can be expected in the coming years. The Advanced UV for Life consortium and the International Ultraviolet Association have already announced ICULTA 2023 to further promote the exchange of current findings in the UV LED community and to enable a view of what the future might hold in this exciting field.

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## About...

**ICULTA** took place for the first time in 2018 with 260 participants from 23 countries. Bringing together developers of UV LEDs and users from various application fields is the goal of the conference, which is organized jointly by the German Advanced UV for Life consortium and the International Ultraviolet Association.

>>> [www.ICULTA.com](http://www.ICULTA.com)

**Advanced UV for Life** is a consortium of about 50 German industrial and academic partners working together in the development and application of UV LEDs. The consortium, led by the Ferdinand-Braun-Institut, originates from a research program funded by the German Federal Ministry of Education and Research.

>>> [www.advanced-uv.de](http://www.advanced-uv.de)

The **International Ultraviolet Association (IUVA)** is an international organization of UV industry, educators, consultants, utilities, and research professionals, with a mission to make the use of ultraviolet light a leading technology for public health and environmental application.

>>> [www.iuva.org](http://www.iuva.org)

The press picture is available [here for download](#).

