

Meet the UV LED Community: 3rd International Conference on UV LED Technologies & Applications – ICULTA 2023 in Berlin

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ICULTA brings together the international UV LED community – from semiconductor component developers to users – to discuss cutting-edge topics, future perspectives and applications of the versatile UV LED technology. The program is set and registration for participants is now open.

From April 23 to 26, 2023, the UV LED community will meet for the third time at the International Conference on UV LED Technologies & Applications in Berlin, Germany. The internationally recognized conference series aims to bridge the gap between development of semiconductors and their applications. Experts from all over the world will present their latest results in the development of UV LEDs, luminaires and irradiation systems as well as their use in industry and research.

Comprehensive program covering the wide range of UV LED topics

Participants can now register for ICULTA 2023; the conference will be held in person. It comprises talks, discussions, tutorials, and poster sessions that cover the whole value chain of ultraviolet-emitting diodes including their application. Leading international experts from academia and companies will present and discuss advances in UV chip technology – from epitaxy to packaging, characterization and measurement technologies.

Invited and oral presentations cover the application fields of water, air, and surface disinfection, the use of UV LEDs in medicine and analytics as well as in curing processes and plant growth lighting. Of particular note are recent advances in the development of far-UVC LED and steady progress towards the industrialization of UVC LEDs for water disinfection.

An accompanying exhibition, a job market, and technical tours to research institutions and companies in Berlin complete the program. Dr. Martin Strassburg from ams OSRAM and ICULTA Chair points out: “Don’t miss the many highlights revolving around cutting-edge UV technologies and enjoy the comprehensive program as well as the German capital in beautiful spring.”

Visit the conference website www.iculta.com for further information.

Press Contact

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Conference Logo in RGB and CMYK



ICULTA 2023 Label

Background Information

ICULTA Conference Series

The 'International Conference on UV LED Technologies & Applications – ICULTA' was initiated by the Advanced UV for Life network. Together with the International Ultraviolet Association (IUVA), the conference has been held twice so far – in 2018 and 2021. With ICULTA 2023 this internationally recognized and appreciated conference series continues. The 2023 event is jointly organized by the association Advanced UV for Life e.V. and the Ferdinand-Braun-Institut Berlin in cooperation with the International Ultraviolet Association (IUVA). www.iculta.com

About Advanced UV for Life e.V.

The association Advanced UV for Life e.V. brings together research leaders in the field of UV radiation sources and users of UV technologies. It pools the competencies from industry and science along the entire value chain - from concept and UV semiconductors to UV applications in the fields of medicine, disinfection, life sciences, environmental technology, sensing, and manufacturing technologies. www.advanced-uv.de

About the FBH

The Ferdinand-Braun-Institut, Leibniz-Institut für Höchstfrequenztechnik (FBH) is an application-oriented research institute in the fields of high-frequency electronics, photonics and quantum physics. It researches electronic and optical components, modules and systems based on compound semiconductors. These devices are key enablers that address the needs of today's society in fields like communications, energy, health, and mobility. Specifically, FBH develops light sources from the infrared to the ultra-violet spectral range: high-power diode lasers with excellent beam quality, UV light sources and hybrid laser systems. Applications range from medical technology, high-precision metrology, and sensors to optical communications in space and integrated quantum technology. In the field of microwaves, FBH develops high-efficiency multi-functional power amplifiers, and millimeter wave frontends targeting energy-efficient mobile communications as well as car safety systems. The FBH has a strong international reputation and ensures rapid transfer of technology by working closely with partners in industry and research. The institute has a staff of 370 employees and a turnover of 44.3 million euros. It is a member of the Leibniz Association and part of »Research Fab Microelectronics Germany«. www.fbh-berlin.de/en