

2022 IUVA Americas Conference Call for Abstracts

September 26-28, 2022 - Hilton Cincinnati Netherland Plaza, Cincinnati, Ohio USA

SUBMISSION DEADLINE: May 1, 2022

The IUVA requests abstracts for both oral and poster presentations for the 2022 IUVA Americas Congress to be held at the Hilton Cincinnati Netherland Plaza in Cincinnati, Ohio on September 26-28, 2022. The conference will highlight advances in UV technology in all aspects of health and safety, including air and surface disinfection, drinking water treatment, reuse water and wastewater treatment, air pollution, hospital infections, ballast water treatment, treatment of industrial effluents, and regulatory issues.

Abstracts are to be of a **scientific and technical** nature (with the exception of the Industrial Showcase noted below) and should be submitted online by May 1, 2022. The abstract length is 200-300 words (no figures) and should include full contact information for the corresponding author. After the authors are notified of acceptance, they will be required to submit either a paper or a copy of the presentation slides for the proceedings. Abstracts accepted for oral presentation will include a 15-minute oral presentation followed by 5 minutes of discussion.

Suggested Topics Include:

Disinfection

- Regulatory trends and establishing guidelines
- Technology trends: Far UVC, UV-C LEDs, light-sources, electronic drivers and reactors
- Low wavelengths: modeling and measurement
- Validation: CFD, velocity profiles, light measurement methods, low wavelength, and correction factors
- Startup, commissioning and O&M issues of UV systems
- Water supply in developing countries
- UV-C LED device and system design

Advanced Oxidation

- UV-LEDs
- UV-photocatalysts
- UV-ozone, UV-peroxide, UV-chlorine
- Byproducts
- Vacuum UV (VUV)

Applications

- Municipal drinking water, reuse water and wastewater
- Food and beverage processing and safety
- Ballast water treatment
- Reduction in TOC, chlorine, chloramine, ozone
- Industrial water supply and discharge
- Aquatics/swimming pools
- Air treatment
- Healthcare / HAI / Covid-19
- Horticulture
- Residential and commercial POU & POE

Special Industrial Showcase Session:

We are also requesting abstracts for a special "Industrial Showcase" session. These presentations do not need to be scientific and can be of commercial interest to the greater UV community, showcasing the latest technology available to the industry from the supply chain.



www.iuva.org