



NOVEMBER TECHNICAL WEBINAR

USING NEEDLEPOINT BIPOLAR IONIZATION TO CREATE HEALTHY INDOOR ENVIRONMENTS

**SPEAKER: DAVID SCHURK, DES, CEM, LEED AP, CDSM, CWEP, SFP,
CIAQM, HCCC, ASHRAE DL**

We welcome you to join us for the November technical webinar. Check in with our chapter and learn about how needlepoint bipolar ionization can create healthy indoor environments and safeguard the wellbeing of building occupants.

Date: November 11, 2020

Time:

Chapter Announcements 6:00 PM

Presentation 6:15 PM

Location: Virtual

Log in information will be provided prior to the meeting

Cost: \$10

RSVP: <https://sjashrae.org>

Speaker:

DAVID SCHURK

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David Schurk DES., CEM., LEED-AP., CDSM., CWEP., SFP., CIAQM., HCCC., ASHRAE Distinguished Lecturer, Director of Business Development for Global Plasma Solutions in Charlotte, NC. He is a Licensed Designer of Engineering Systems and has over 35-years of experience in the design and analysis of heating, ventilating, and air-conditioning systems for a variety of market sectors, with a special focus on healthcare facilities. David has authored various technical articles for a number of industry trade journals and magazines and is a featured presenter at regional and national industry events. He can be reached at David.schurk@globalplasmasolutions.com or 920-530-7677

Presentation Summary

The recent worldwide healthcare pandemic has pushed the airborne transmission of the SARS-CoV-2 virus (COVID-19 disease) into the spotlight. Buildings and structures of all types have remained virtually empty while the public quarantines at home or maintains safe social distancing. As the country attempts to reengage economically many have anxiety about repopulating buildings and being exposed to others indoors. This has left HVAC professionals wondering how they can quickly adapt to ensure society that everything possible has been done to reduce the spread of infection and safeguard the health and wellbeing of building occupants after they walk through the front door.

This presentation will provide the most recent information on Needlepoint Bipolar Air Ionization (NPBI), which has recently undertaken 3rd party independent laboratory testing with results confirming it can inactivate 99.4% of SARS-CoV-2 viral particles within 30-minutes. This is a “game-changer” for those who have been so diligently working to create safer and healthier indoor environments considering the current pandemic.

Topics addressed will include:

- The latest ASHRAE guidelines and recommendations.
- How NPBI technology can help make traditional mechanical filtration and ventilation more effective.
- How NPBI can help the HVAC system contribute to “indoor social distancing”
- Ozone generation considerations, concerns, and regulations.
- How tested-and-proven NPBI technology works to inactivate viruses, kill pathogens, agglomerate particulate and save energy, all resulting in superior indoor air quality, contributing to the health and safety of occupants within building of all types.