

International Ozone Association 23rd World Congress and Exposition



Conference Prospectus

Gaylord National Harbor Resort and Convention Center

August 13-17, 2017



Conference Overview

The 23rd International Ozone Association (IOA) World Congress and Exhibition will be held on August 13 – 17, 2017 at the Gaylord National Resort & Convention Center in National Harbor, Maryland. This world congress will showcase leading edge technologies for Aquarium use, Municipal water, Municipal wastewater and Industrial process applications with special attention to both Ozone and AOP Technologies. The IOA is a non Profit educational association focused on the safe and effective use of these beneficial technologies to protect public health, and the environment. Attend this conference to learn more about the multiple benefits Ozone technologies deliver and what exciting new applications and benefits are emerging.

Benefits of Attending Include:

- 3 Days of Technical Presentations
- Sunday workshop focused on Ozone Design and Operation
- Exhibit Hall with leading manufacturers of Ozone technology and equipment
- Networking opportunities to learn more about Ozone process applications
- Technical Tour to learn more about other Ozone installations and applications

Technical Program

The Technical Program will feature 3 days of technical presentations on subjects such as drinking water treatment, water reuse, aquarium applications, etc. Presenting authors may have their work considering for publication in Ozone Science & Engineering (OS&E), the official Journal of the International Ozone Association. All conference attendees will receive a complimentary copy of the conference proceedings.

Conference Venue

The IOA World Congress will be held at the Gaylord National Harbor Resort and Convention Center in Washington DC.

<http://www.marriott.com/hotels/travel/wasgn-gaylord-national-resort-and-convention-center/>

From Gaylord National Harbor Resort and Convention Center website:

“Our spectacular waterfront resort, with a stunning 19-story glass atrium and sweeping views of the Potomac River, is steps from National Harbor’s premier entertainment and shopping district and only 8 miles south of the nation’s capital. After exploring the city and surrounding areas, return to our first-class resort featuring a rejuvenating spa, indoor pool and whirlpool, state-of-the-art fitness center and a number of unique restaurants and shops. For late-night excitement with picturesque views of the capital, take our express elevator up to the Pose Rooftop Lounge before retreating just steps away to your luxurious accommodations.”

Room Reservations

Reserve your online through our website to receive the discounted conference rate (\$191/night + taxes and fees):

<https://aws.passkey.com/event/15314597/owner/54055/landing?gtid=3f3c0ea11f56a3ffa57e128c842a4805>





Air/Ground Transportation

There are three airports in the Washington DC area:

- Ronald Reagan Washington National Airport (DCA) - 12 miles
- Dulles International Airport (IAD) - 35 miles
- Baltimore/Washington International Thurgood Marshall Airport (BWI) - 38 miles

The Washington DC Metro does not have a Metro subway station near the Gaylord National Resort. Therefore, taxi, rideshare (e.g. Uber/Lyft), supershuttle, or rental car would be the recommended options to travel from the airport to the hotel.

Gaylord Transportation Discount: Special Gaylord discount on SuperShuttle and ExecuCar services with discount code [GNR50](#) (prepaid reservations only). To make your shuttle reservation, call 1-800-660-8000, visit online at www.supershuttle.com.

Supershuttle Ticket Prices*:

- From Reagan National (DCA) to Gaylord National
6:00 AM - 8:00 PM | Departs every 20 minutes
\$18 one way/ \$33 per person, pre-paid round trip/ \$85 for exclusive van service
Pricing does not include \$2.00 airport entry fee
- From Dulles International Airport (IAD) to Gaylord National
\$45 per passenger/\$125 exclusive van
Pricing does not include \$1.00 airport entry fee
- From Baltimore/Washington Airport (BWI) to Gaylord National
\$45 per passenger/\$125 exclusive

*Estimated pricing is for a one-way rate. Schedules are not determined by Gaylord National and are subject to change at any time without prior notice.



Exhibit Hall

Many of today's leading manufacturers of ozone technology will be available in the Exhibit Hall to talk about your specific system and requirements. **For more information about the exhibit hall or contact Jennifer Fuel at jfuel@ioa-pag.org to reserve your booth now!**

If you interested in exhibiting at the Conference, please find the full Exhibitor Prospectus on our website: <http://www.ioa-pag.org/wp-content/uploads/EXHIBITOR-PROSPECTUS-FINAL-12-21-2016.pdf>

The Exhibit Hall will be open during the following hours:

- Monday, August 14, 9:45 AM - 5:00 PM
- Tuesday, August 15, 8:00 AM - 3:45 PM
- Wednesday, August 16, CLOSED

Sponsorship

For even greater visibility among conference attendees, take advantage of one of our sponsorship opportunities. These high-profile sponsorships are designed to maximize your marketing efforts at the IOA-PAG Conference and help your organization gain important visibility among professionals whose focus is on the use of ozone oxidation for municipal or industrial applications.

For additional information regarding sponsorship opportunities, please visit our website at: <http://www.ioa-pag.org/wp-content/uploads/SPONSORSHIP-PROSPECTUS-12-26-2016.pdf>

or contact:

Ms. Jennifer Fuel
Administration & Communication Officer
Tel: 480-529-3787
Email: jfuel@ioa-pag.org

Conference Schedule

	Saturday 8/12/2017	Sunday 8/13/2017	Monday 8/14/2017	Tuesday 8/15/2017	Wednesday 8/16/2017	Thursday 8/17/2017
7:00 AM	Registration					
8:00 AM	Registration					Technical Tour (8AM-3PM) Tour bus will drop at Dulles Airport by 4:00 PM and return to the hotel
9:00 AM	IOA-PAG EOC Mtg	IOA PAG Board Meeting	Workshop	Opening Session	Technical Sessions	
10:00 AM				Coffee Break		
11:00 AM				Technical Sessions		
12:00 PM	IOA Int'l EOC Mtg			Lunch		
1:00 PM	Committee & Task Force Meetings	IOA Int'l Board Meeting		Technical Sessions		
2:00 PM				Coffee Break		
3:00 PM		Technical Sessions				
4:00 PM		Technical Sessions				
5:00 PM		Committee & Task Force Meetings				
6:00 PM			Exhibitor Reception	Conference Reception		
7:00 PM		Welcome Reception				
8:00 PM						
9:00 PM						
10:00 PM						

Legend

Meetings
 Technical Program
 Special Event

Exhibitors Schedule

Setup
Sunday
12:00 - 5:00 PM

Exhibits Open
Monday
9:45 AM - 5:00 PM

Tuesday
8:00 AM - 3:45 PM

Tear Down
Tuesday
3:45 - 6:00 PM

Ozone Overview and Applications Workshop (Sunday, August 13th, 9AM-3PM)

The International Ozone Association (IOA) invites you to participate in a workshop review of ozone process fundamentals and important considerations for safe and successful ozone process operation. The workshop will include practical design, control, operational, maintenance, and safety information for participants who are both new and experienced with ozone. In addition, the workshop will include the opportunity to discuss your experiences and questions with your peers and leaders in the industry. Utility managers, operators, consulting engineers, manufacturers, regulators, and academics interested in ozone water treatment will find this workshop useful.

Key Note Speaker – Dr. Charles Bott (Monday, August 14th)

Dr. Charles B. Bott is the Director of Water Technology and Research at the Hampton Roads Sanitation District (HRSD) in southeast Virginia, where he currently is managing research and development efforts for HRSD’s thirteen wastewater treatment plants (2.5 M p.e. combined capacity) and collection system. Charles was formerly an Associate Professor in the Department of Civil and Environmental Engineering at the Virginia Military Institute (VMI) and a consulting engineer with Parsons Engineering Science.



- Fellow of the Water Environment Federation
- Adjunct Professor in the Departments of Civil and Environmental Engineering at Virginia Tech and Old Dominion University
- BS in Civil Engineering from the Virginia Military Institute
- MS in Environmental Engineering from the Johns Hopkins University
- Ph.D. in Civil and Environmental Engineering from Virginia Tech
- Professional Engineer in Virginia
- Board Certified Environmental Engineer
- Licensed Wastewater Treatment Plant Operator – Virginia Class I

“Hampton Roads Sanitation District’s (HRSD) Vision for Managed Aquifer Recharge in Eastern Virginia: Sustainable Water Initiative for Tomorrow (SWIFT)”

Declining aquifer levels, land subsidence, and saltwater intrusion are occurring in the Potomac Aquifer System in Eastern Virginia. The Hampton Roads Sanitation District (HRSD) has developed an innovative program called the Sustainable Water Initiative for Tomorrow (SWIFT) that will address these challenges and provide additional benefits to the region, including nutrient credits for urban stormwater and other needs. SWIFT will add advanced water treatment (AWT) to seven of HRSD’s existing water resource recovery facilities (WRRFs) to produce finished water that meets drinking water standards and is compatible with the receiving aquifer. Finished water will be injected into the Potomac Aquifer System (PAS) as part of a managed groundwater replenishment program to counter the documented aquifer and water supply challenges. This presentation will describe the SWIFT program including concept development and aquifer modeling, AWT pilot testing results, regulatory considerations, construction of a 1 MGD demonstration facility, and plans for full-scale build-out at a combined capacity of more than 100 MGD. More information may be found here: <http://swiftva.com>

Technical Sessions (Monday-Wednesday, August 14-16)

Share your exciting Ozone and AOP technological advancements and experiences in this unique forum - showcasing the world's premier advanced treatment technologies! This conference will provide current technical, process and operational information to engineers, scientists, and end users of Ozone and Advanced Oxidation technologies with focus on municipal & industrial water, wastewater, water reuse and emerging contaminants.

The Call for Abstracts is open through March 9th. Please consider submitting your work for presentation at the conference. Speakers receive a \$100 discount off of the early bird registration price. Topics may include the following:

- Advanced Oxidation
- Ozone Generation
- Biofiltration
- Ozone Contactor Design
- Bromate Formation and Control
- Ozone Mass Transfer
- Chemical and Biochemical Reactions
- Ozone Measurement
- Disinfection
- Regulatory Perspectives
- Drinking Water Treatment
- O₃ Power Supplies
- DBPs Formation and Control
- Research
- Ground Water Remediation
- Algal Issues (Taste and Odor, Cyanotoxins)
- Emerging Areas (Food, Laundry, Semiconductor,
- Cooling Towers, Ballast Water)
- Medical Applications
- Marine Mammal Aquarium
- Pools and Water Features
- Emerging Contaminants
- Soil Remediation
- Wastewater Treatment & Water Reuse

Technical Tour (Thursday, August 17th, 8AM-3PM)

Conference attendees will have the chance to visit a regional facility using ozonation. More details regarding the Technical Tour will be published to the Conference Website as soon as the locations are confirmed.

Registration Options/Rates

Several registration options are available for the 2017 IOA World Congress!

Registration	Technical Sessions	Exhibit Hall	Conference Proceedings	Coffee Breaks	Lunches	Receptions
Full Registration	X	X	X	X	X	X
One Day Registration	X	X	X	X	X	
Student Registration	X	X	X	X		

Registration Rate	Before 6/16/17	Before 7/14/17	Before 8/11/2017	On Site
Full Registration - Member	\$ 750	\$ 800	\$ 850	\$ 900
Full Registration - Non-Member	\$ 925	\$ 975	\$ 1,025	\$1,075
One Day Registration - Member	\$ 315	\$ 340	\$ 365	\$ 450
One Day - Non-Member	\$ 370	\$ 420	\$ 470	\$ 550
Student Registration	\$ 150	\$ 175	\$ 200	\$ 300
Sunday Ozone Workshop	\$ 195			
Sunday Reception	\$ 75			
Monday Lunch	\$ 75			
Monday Reception	\$ 75			
Tuesday Lunch	\$ 75			
Technical Tour	\$ 85			
IOA T-Shirt	\$ 40			

Polo Shirts

Many previous conference attendees have inquired about how to purchase an IOA polo shirt. Purchase yours today with your registration for a cost of \$40.

