

# PERFORMANCE IMPROVEMENTS IN THE AERATION BASIN



**We feel gains from applying artificial intelligence to the aeration basin is something that is important to the industry and sharing those verified results with you is vital to your success.**

You're invited to join the Vector Wastewater Symposium Roadshow Event with special guest Speaker, Dr. Alex Ekster with Ekster and Associates. The capabilities that Dr. Ekster brings to wastewater treatment plants (WWTPs) throughout the United States is simply described as "always outperforming expectations." Dr. Ekster's knowledge, methods, and expertise in designing, optimizing, and automating WWTPs typically save plants from 15-50% in energy savings (with some owners saving up to \$1,000,000 in energy costs), increase plants capacities up to 30%, improve effluent quality and activated sludge process stability.

Vector, along with manufacturing partners: Endress+Hauser, Av-Tek Valves, Danfoss and Kurz Instrument will share with you their expertise in the wastewater industry with regards to energy efficient solutions, reduced chemical use, improvements in the nutrient removal process, and less operation time. Included in this symposium event, you will hear and see new equipment or advancements to existing equipment that will take you to the next level of control and automation. Field tested and proven results from the leaders in the wastewater industry.

This symposium is a half-day educational event. The event is FREE to attend and will be held at four major cities throughout Oklahoma and Texas. Each event presented will be identical so choose the best session that fits your schedule. Seating is limited and registration is required to attend. For further information and to register please visit [www.VectorCAG.com/2019WWRoadshow](http://www.VectorCAG.com/2019WWRoadshow).

## Symposium Locations

- **Oklahoma City, OK – Tuesday, November 12**  
Sheraton Downtown Oklahoma City - One North Broadway Ave., Oklahoma City, OK 73102
- **Dallas, TX – Wednesday, November 13**  
Hilton DFW Lakes Executive Conference Center - 1800 Hwy. 26E, Grapevine, TX 76051
- **Houston, TX – Thursday, November 14**  
Embassy Suites by Hilton Houston Energy Corridor - 11730 Katy Freeway, Houston, TX 77079
- **San Antonio, TX – Friday, November 15**  
Doubletree by Hilton San Antonio Airport - 37 NE Loop 410, San Antonio, TX 78216

*A small amount of "Symposium Rate" hotel rooms are available for those attendees requiring accommodations.*

## Agenda of Events

- 7:00 AM** Event Check In; Networking and Morning Refreshments
- 8:00 AM** Welcome, Symposium Keynote and Partner Presentations
- 12:00 PM** Networking Lunch
- 1:00 PM** Conclude



### Keynote Speaker Dr. Alex Ekster

Dr. Alex Ekster is a Registered Civil and Mechanical Engineer. He is Board Certified Environmental Engineer and Grade V wastewater operator. Dr. Ekster is a recipient of the WEF Philip Morgan Medal. Dr. Ekster has 40 years of hands-on experience in wastewater process optimization and automation. He co-authored several WEF Manuals of Practice and dozens of professional papers. Currently, he is technical director at Ekster and Associates, a company specializing in optimization and advanced automation utilizing model predictive controls. Dr. Ekster holds Ph.D. from Moscow Power Institute and MSc. and B.Sc. from Odessa Polytechnic Institute.

## Manufacturing Partners Guest Speakers



**Alan Vance**

*Industry Manager Environmental - Water/Wastewater  
Endress+Hauser USA*

Endress+Hauser 

A veteran in the industry, Alan has spent the last 35 years working in process instrumentation and control. He has extensive industry experience and his training background is vast and impressive. Currently, he's responsible for the Water/Wastewater market strategic planning, business development and training for Endress+Hauser USA. He has a BS degree from Slippery Rock University and a MBA in Marketing from LaSalle University.



**Greg Bilbao**

*National Sales Manager  
Av-Tek Valves*



It is safe to say that Greg knows a thing or two about valves! An expert in the industry, Greg has been selling valves for over a decade, and primarily into the water and wastewater markets. He enjoys sharing this knowledge and has participated in many training events. Greg resides in Boise, Idaho and enjoys spending time with his wife and 5 children.



**Jon Harwood**

*Regional Sales Manager  
Danfoss*



A skilled professional with over 20+ years in the drives and motor control business, Jon is very passionate about this industry! Currently with Danfoss in the AC drives division, he has a mixed focus on water wastewater, industrial, and OEM sales. Jon resides in Suwanee, GA with his wife of 18 years and 6 children.



**Gary Gouvas**

*Southeast US Regional Sales Manager  
Kurz Instruments*



A professional with over 20 years of industry know how, Gary shares with you his knowledge and expertise. For many years he has been involved with the water/wastewater industry focusing on projects providing cost savings and meeting regulatory requirements. He has extensive knowledge of EPA terminology, technology and methods for monitoring various airborne pollutants. Gary has a BA degree from Western Kentucky University. He is an avid golfer, duck hunter and fisherman and enjoys his family time with wife of 20 years and two teenage boys.

***Looking forward to you joining us soon!***

***[www.VectorCAG.com/2019WWRoadshow](http://www.VectorCAG.com/2019WWRoadshow)***

