

Schedule of Events: Tuesday, November 16, 2021

16th	Water Treatment Proctor: Andy Albee Room: Cascade West	Water Distribution Proctors: Caleb Needles Room: Cascade East	Wastewater Collection Proctor: Kyle Bartlett Room: Umpqua Hall	Wastewater Treatment Proctor: Jade Mecham Room: Pacific Hall
7:00 REGISTRATION BEGINS & BREAKFAST				
8:00-9:00 KEYNOTE SPEAKER – Rob Lee <del>508</del> 52				
9:05-10:05	1 Vendor Display W, WW	2 Acoustic Sensors in Water Meters Doug McClintic Kamstrup W	3 Using Acoustic Inspection Tech to Prioritize Sewer Cleaning Gene Hallum InfoSense, Inc. WW	4 Chemical Metering with Peristaltic Pumps John Darch Goble Sampson W, WW
10:05-10:15 BREAK				
10:15-11:15	5 THM Mitigation Ethan Brooke UGSI Solutions W	6 Aging Water Infrastructure Denny Setzer Hymax W, WW	1 Vendor Display W, WW	7 City of Sutherlin WW System Improvements Tyler Molatore Dyer Partnership WW
11:15-11:20 BREAK				
11:20-12:20	8 High Performance HMI Devon Davis Advanced Control Systems W, WW	9 Advanced Metering Infrastructure Jeff Austin Utility Service Group W	10 Collections Plugging Solutions Rich Owens Owens Pump WW	11 Operator's Lab Adam Jennings Hach Company W, WW
12:20-1:10 LUNCH				
1:10-2:10	12 SCADA Systems Casey Stribling Control Systems NW W, WW	13 Mueller Mobile Trailer Classroom Session 4 Hour Session  Mike Uthe / Jarred King Mueller Water Products	14 Cleaning & Televising Storm and Sewer Systems Sheldon Teeples Subsite LLC WW	15 Optimizing Polymer Mixing and Activation: Following the Science Jeff Rhodes UGSI Solutions WW
2:10-2:15	BREAK			
2:15-3:15	16 Air Valves Steve Causseaux CIMCO Sales & Marketing W, WW		17 Air Mitigation in Liquid Conveyance Systems 2 Hour Session Geoff Robinson FJ Martin	18 Control Valves Steve Causseaux CIMCO Sales & Marketing W, WW
3:15-3:25				
3:25-4:25	19 Fundamentals of Electrochemistry 2 Hour Session Mark McElroy Thermo Orion			20 Repeatable Air Flow Control at Seattle's Brightwater WRF Paul A. Nelsen Egger Turo Pumps N.A. WW
4:25-4:30				
4:30-5:30			21 Confined Spaces, Underground Vaults/ Hatches Frank Ray EJ Company W, WW	22 Practical Applications of Various Chemicals in Water & Wastewater Jeff Zackman Cascade Columbia W, WW
Dinner~ 6:00 pm				

**Schedule of Events: Wednesday, November 17, 2021**

<b>17th</b>	<b>Water Treatment</b> <i>Proctor: Andy Albee Room: Cascade West</i>	<b>Water Distribution</b> <i>Proctor: Caleb Needles Room: Cascade East</i>	<b>Wastewater Collection</b> <i>Proctor: Kyle Bartlett Room: Umpqua Hall</i>	<b>Wastewater Treatment</b> <i>Proctor: Jade Mecham Room: Pacific Hall</i>		
<b>7:15 – 8:00 BREAKFAST</b>						
8:00 – 9:00	<b>1</b> Vendor Display  W, WW	<b>23</b> Mueller Mobile Trailer Hands-On Workshop  4 Hour Session	<b>24</b> Exploring Pressure/Force Main Bursts  Bill Kelly Syrinx, Inc.  W, WW	<b>25</b> Activated Sludge Process Control  Jon Gasik OR DEQ  WW		
<b>9:00- 9:05 BREAK</b>						
9:05- 10:05	<b>26</b> Coagulation Control  Joe Prock Sound Water Services  W, WW	<b>23</b> Mike Uthe Mueller Water Products	<b>1</b> Vendor Display  W, WW	<b>27</b> Wastewater Decision Making  2 Hour Session  Mark Walter Waterdude Solutions, LLC		
<b>10:05-10:15 BREAK</b>						
10:15- 11:15	<b>28</b> EWEB Emergency Treatment Trailer  Jared Giacomelli EWEB  W		<b>29</b> Improving Locator Accuracy  Brian Moss RJM Equipment Sales, Inc.  W, WW			
<b>11:15- 11:20 BREAK</b>						
11:20- 12:20	<b>30</b> From Gas Chlorine to On-site Generation  Toby Dixon EWEB  W, WW		<b>31</b> Sewer Nozzle Seminar  Reinhart Laimer Sewer Pro Shop LLC  WW	<b>32</b> WW Process Science & Control Workshop  4 Hour Session  Lance Mason Jacobs Engineering  WW		
<b>12:20-1:10 LUNCH</b>						
1:10- 2:10	<b>33</b> On-Site Sodium Hypochlorite Generation  Ethan Brooke UGSI Solutions  W, WW	<b>34</b> Flushing and Sampling For Water Quality and Pipeline Maintenance  Geoff Robinson FJ Martin  W	<b>35</b> Pipe Maintenance  Jeff Austing Utilities Service Group  W, WW	<b>32</b> WW Process Science & Control Workshop  4 Hour Session Continued  Lance Mason Jacobs Engineering		
<b>2:10-2:15 BREAK</b>						
2:15- 3:15	<b>37</b> Disinfectant Residual Control  Ethan Brooke UGSI Solutions  W	<b>38</b> Tank Maintenance  Jeff Austin Utility Service Group  W	<b>39</b> Modern Intelligent Controls for Lift Stations  Simon Cartwright Xylem – Flygt 2 Hour Session			
<b>3:15- 3:25 BREAK</b>						
3:25- 4:25	<b>40</b> Check Valves  Steve Causseaux CIMCO  W, WW	<b>41</b> Service Lateral Anatomy  Geoff Robinson FJ Martin  W				
<b>Networking Social~ 5:30pm</b>						

CEU • W = Water (2.1 CEU)

Schedule of Events: Thursday, November 18, 2021

18th	<b>Water</b> Proctor: Andy Albee Room: Cascade West	<b>Water &amp; Wastewater</b> Proctor: Kyle Bartlett Room: Cascade East	<b>Wastewater</b> Proctor: Jade Mecham Room: Umpqua Hall	<b>Special Topic- Cross Connect</b> Proctor: Caleb Needles Room: Pacific Hall
7:15 – 8:00 BREAKFAST				
8:00-9:00	42 Oregon Health Authority Regulatory Updates Casey Lyons Oregon Health Authority	43 Excavation Safety and the Role of the Competent Person Eric Fullan City of Hillsboro W, WW, OS	44 Activated Sludge Hands-On Workshop RUSA Jon Gasik OR DEQ	45 Cross Connection Certification Mike Briesemeister EWEB
9:00-9:05 BREAK				
9:05-10:05	46 New Developments for the Humble Butterfly Valve Wade Esplin Av-Tek Valves W	47 What OSHA Compliance Officers Look for When Visiting Facilities Larry Fipps OR-OSHA W, WW, OS	4 Hour Session	6 Hour Session
10:05 – 10:15 BREAK				
10:15-11:15	48 Field Trip Winston Dillard Water Treatment Derek Osterman	49 Operators Math Workshop Lance Mason Jacobs Engineering		
11:15-11:20 BREAK		4 Hour Session		
11:20-12:20	W	W, WW, OS	WW	W
12:20-1:10 LUNCH				
1:10-2:10	50 Field Trip: G.A.W.S.A Water Treatment Facility Tour Jeremy Wolford	49 Operators Math Workshop Continued Lance Mason Jacobs Engineering	51 Field Trip: Sutherlin Wastewater Treatment Plant Tyler Molatore Dyer Partnership	45 Cross Connection Certification Mike Briesemeister EWEB
2:10-2:15		4 Hour Session continued		6 Hour Session continued
2:15-3:15	W	W, WW, OS	WW	W
<b>OREGON OPERATOR CONFERENCE ENDS</b>				

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 Kev      • WW = Wastewater (2.1 CEU)

Updated 9/29/21

