

44th Annual Western Pool & Spa Show ~ March 10-12, 2022

Seminars & Speakers subject to change or cancellation without notice / CHECK westernshow.com FOR UPDATES OR CHANGES

THURSDAY, MARCH 10, 2022 / EXHIBIT HOURS 6-9 P.M. / OPEN TO THE TRADE ONLY / REGISTRATION REQUIRED / NEW SEMINARS

Time	CLASSROOM S1	CLASSROOM S3	CLASSROOM S4	BALLROOM A	BALLROOM B	SEASIDE PRE-FUNCTION	CLASSROOM S5	CLASSROOM S6	CLASSROOM S7
1 PM TO 2:45 PM	Hydraulics for Service Professionals Mike Childress,	Changes to the NEC 2023 Bill Hamilton, Hamilton & Assoc.	In-Floor Technical Service Training, Jaime Guzman, A & A Manufacturing	From Boom to Boost Steve Berens, Clear Comfort	AQRS3 Programming & Salt Troubleshooting Rick French, Hayward	How to Size Plumbing and Equipment for any Pool Ask the Masters	Programacion AQRS3 y Solucion de Problemas de Sal Hayward Clases En Español	Hybrid Pool Heating in a Decarbonized Economy Dan & Dave Szelove, Aquatherm	Working with Automated Billing Jason Wise
3 P.M. TO 3:45 P.M.	Department of Energy (DOE) Carlos Gomez, Pentair	In-Floor Technical Service Training Marty Fisher, Jaime Guzman A&A Manufacturing	Heat Pumps Alex Valdovinos, Fluidra	Roll-N-Vac, The Vacuum On Steroids, Steve Dunn, Commercial Pool Systems	The Pool Cleaner Tear Down David Jones, Hayward	Adding Value to Your Business with Branding. Edgar De Jesus and Emily Washcovick /Yelp	Desmontaje del Limpiador de Piscinas (salt) Hayward Clases En Español	How to Grow Your Business with Word of Mouth, John Limbocker, Internet Dominators	Raymote for Avia - Programacion Ricardo Gonzalez, RayPak Clases En Español
4 P.M. TO 5:45 P.M.	Electricity for the Service Professionals Mike Childress, Pentair	Six bad money-wasting habits in pool service and how to change them Miguel Chavez, Orenda Clases En Español	JXi Gas Fired Heaters Alex Valdovinos, Fluidra	Chemistry: Ways to Stretch your Chlorine Terry Arko, Hasa	HDF400 Small Footprint Heater and Fundamentals Ben Carver, Hayward	Understanding Business Metrics, Financials and Your Cost of Service Edgar De Jesus, Pool Nation	Fundamentos y Calentador de Tamano Reducido HDF400 (heater) Hayward Clases En Español	Plaster Stains & Discoloration, David Schaffer, Jacks Magic	MEETING ROOM

FRIDAY, MARCH 11, 2022 / EXHIBIT HOURS 2-6 P.M. / OPEN TO THE TRADE ONLY / REGISTRATION REQUIRED / NEW SEMINARS

Time	CLASSROOM S1	CLASSROOM S3	CLASSROOM S4	BALLROOM A	BALLROOM B	SEASIDE PRE-FUNCTION	CLASSROOM S5	CLASSROOM S6	CLASSROOM S7
8 A.M. TO 9:45 A.M.	IntelliCenter Automation Scott Parker, Pentair	Six bad money-wasting habits in pool service and how to change them Eric Knight, Orenda	Advanced Web Connect Alex Valdovinos, Fluidra	Pool Plaster Issues Que Hales, OnBalance	Pool Repair & Install Essentials Randy Stiff, Hayward	Beginner's Guide to Pool/Spa Water Chemistry & Testing, Wayne Ivusich, Taylor Technologies, Inc.	Aplicación recomendada de fabricación/ instalación de equipos comerciales, Alex Capous, Hayward Clases En Español	Why do we get algae? The latest science on algae identification and prevention, Chris Marcano, NC Brands	Avia Heater - Instalacion Ricardo Gonzalez, RayPak Clases En Español
10 A.M. TO 10:45 A.M.	Department of Energy (DOE) Carlos Gomez, Pentair Clases En Español	Secrets to Algae Free Pools William Rivera, EasyCare Clases En Español	Jandy TCX Alex Valdovinos, Fluidra	Impact of Organic Load on Disinfection Byproducts and Legionella in Aquatic Systems Vance D. Fiegel, Creative Water Solutions	DOE Regulations and Haywards Response Rick Ruggles, Hayward	Adding Value to Your Business with Branding. Edgar De Jesus and Emily Washcovick /Yelp	Regulaciones del DOE y Respuesta de Haywards Clases En Español	Online Marketing Up Tune that will Supercharge Your Business, John Limbocker, Internet Dominators	Designing and Troubleshooting Solar Pool Heating Systems Ethan Heine, Suntlet Solar
11 A.M. TO 12:45 P.M.	EasyTouch Carlos Gomez, Pentair Clases En Español	Stop Chasing pH. Come learn how to contain it Miguel Chavez, Orenda Clases En Español	Conectividad Online Para La Industria de Piscinas, Alex Valdovinos, Fluidra Clases En Español	Electrical Bonding & Grounding Bill Hamilton, Hamilton & Assoc.	Commercial CAT Controls and Equipment Trevor Stiff, Hayward	CYASmart: Bringing Sanity to Water Care in Crunch Times Steve Berens, Clear Comfort	Equipos y Controles CAT Comerciales Hayward Clases En Español	The Calcium Based Startup, Eric Knight, Orenda Technologies	There's more to know than pushing a pole, Peter Haverlation
1 P.M. TO 2:45 P.M.	VSF Pumps Carlos Gomez, Pentair Clases En Español	Understanding the Proper Use of Ozone in Residential Pools Beth Hamil, O3 Consulting	Calentadores a gas JXi Alex Valdovinos, Fluidra Clases En Español	Heat Pump Solutions for Pool/Spa Heating in a Decarbonization World Don Tuch, AquaCal AquaPilot	Understanding Omni Family and WiFi Diagnostics Bryan Chrissan, Hayward	Raypak Avia Pool and Spa Heater: Overview, Installation and Troubleshooting Brad Duncan, Raypak	Comprension de la Familia Omni y los Diagnosticos de WiFi Hayward Clases En Español	The 4 Pillars of Proactive Pool Care, Emir Penard, Orenda Technologies Clases En Español	How To Size Plumbing & Equipment for a Pool Dave Penton, Ask the Masters

SATURDAY, MARCH 12, 2022 / EXHIBIT HOURS 1-6 P.M. / OPEN TO THE TRADE ONLY / REGISTRATION REQUIRED / NEW SEMINARS

Time	CLASSROOM S1	CLASSROOM S3	CLASSROOM S4	BALLROOM A	BALLROOM B	SEASIDE PRE-FUNCTION	CLASSROOM S5	CLASSROOM S6	CLASSROOM S7
8 A.M. TO 9:45 A.M.	IntelliChem Automated Chemical Systems Chris Forman, Pentair	Stop Chasing pH. Come learn how to contain it Eric Knight, Orenda	Variable Speed Pumps Alex Valdovinos, Fluidra	Inspections of Pools & Equipment, Steven Dunn, Commercial Pool Systems	Raypak Standard Series 22; 206-407 Low Nox and Atmospheric Brad Duncan, Raypak	Mythbusters! What's Right and What's Wrong!, Wayne Ivusich, Taylor Technologies, Inc.	Profitable Pool Inspections, Rick English	Understanding Business Metrics, Financials and Your Cost of Service Edgar De Jesus, Pool Nation	Basic Water Chemistry 101 Terry Arko, Hasa
10 A.M. TO 11:45 A.M.	Ultratemp Heat Pump and Hybrid Heat pump Chris Forman, Pentair	Proactive Pool Startup Process Marvin Rezae, EasyCare	Certified Stain Specialist, Jeff Hubbard, Jack's Magic	Proper Inground Spa Jet Designs in a Variable Speed, Dan Young & Scott Roodbergen, Waterway	I've Got a Business, Now What? Debbie Morgan, CPA	Service Pros vs. Pool Builders Panel Discussion Moderators - Ask the Masters	How a Pool Works Purity Pool, Robert Foutz, Jr.	Licenciada Contratista Guiatista, Arturo Torres Clases En Español	How to Layout Pool Equipment Pads with the Service Pro in Mind Dave Penton, Ask the Masters
NOON TO 1:45 P.M.	Alternative Sanitizers Scott Parker, Pentair	Swimming Pool Filtration: Applications & Innovations "What you need to Know" Mark Dunlap, Fiber Clear		Advanced Water Chemistry Que Hales, OnBalance	How to Layout Pool Equipment Pads with the Service Pro in Mind Ask the Masters	How to Comply with Independent Contractor Laws in CA, Andrew J. Hoag	Rola-CHEM ORP/PH Controllers Application, Todd Schwab	Millionaire Pool Man, Thinking Outside of the Box, Chris Webb	Basic Water Chemistry 101 Pedro Correa Clases En Español

LONG BEACH CONVENTION CENTER, 300 E. OCEAN BLVD., LONG BEACH, CALIFORNIA / HALL "C" / Speakers' views are their own and not necessarily those of the Western Pool & Spa Show, Inc.