



“11th International Conference on Swimming Pools and Spas”

19-22 October, 2025

Under the Auspices of



Sponsors



In collaboration with:



Conference Program-Days 1 & 2

Sunday, 19 October 2025

18.00-20.00 - Welcome Drink & Check-in

Monday, 20 October 2025

Main Hall				Parallel Session Room			
		Welcome	<i>Georgia Mandilara, Apostolos Vantarakis (Organizing Committee) Elpida Pavi (Dean of School of Public Health)</i>				
09.00-09.30							
09.30-10.00	Keynote speaker	The Interplay of Chemistry and Disinfection in Aquatic Environments	Nikolaos Thomaidis				
10.00-11.30	Session I	Water chemistry-Disinfection	Chairpersons : Nikolaos Thomaidis - Jochen Kurz	10.00-11.30			
		Comparison of chlorate concentrations in swimming pool water and their correlation with the use of different chlorine products and/or application methods	Alexander Reuß				
10.00-10.20		Active Air Stripping and Direct Point Exhaust of Harmful Disinfection by-products from Indoor Pools	Ernest R. Blatchley III			Oral Presentations Session I	
10.20-10.40		Chemical-free pool water treatment: overview of 30 months of outstanding operation.	Maarten Keuten				
10.40-11.00							
11.00-11.20		Open Discussion and Questions	<i>Moderator: James E. Amburgey</i>			Chairpersons: Olga Pappa, D. Papamichail	
11.30-12.00				Coffee			
12.00-12.30	Keynote speaker	Public health in swimming pools: Past and future	Apostolos Vantarakis				
12.30-14.30	Session II	Pools & Public Health: A Vital Connection	Chairpersons: Georgia Mandilara- V. Romano Spica	12.30-13.30			
		Legionella management in the Netherlands: 26 years after the world's deadliest Legionella outbreak.	Maarten Keuten				
12.30-12.50		Accidents and safety: Epidemiological Analysis of Drowning Incidents in Italy: Focus on Swimming Pools	Emanuele Ferretti			Poster Presentations Session II	
12.50-13.10		Prevalence of <i>Pseudomonas aeruginosa</i> in Recreational Waters: A Four-Year Regional Assessment from Andalusia, Spain	Antonio Doménech-Sanchez				
13.10-13.30		Intestinal protozoa and recreational waters	Constantine M. Vassalos				
13.30-13.50		Guiding Healthy and Safe Swimming Practice in the United States—CDC Model Aquatic Health Code, 5th Edition Update	Vincent R. Hill, Joseph P. Laco, Jasen Kunz (CDC)	13.30-14.30		Greek Oral Presentations Session III	
13.50-14.15							
14.15-14.30		Open Discussion and Questions	<i>Moderator: Federica Valeriani</i>			Chairpersons: Antonia Theofilou, Vasilis Diamantopoulos	
14.30-15.30				Lunch			
15.30-16.00	Keynote speaker	Current European practices in public leisure pools and the need for legislation	Alexis Kralis -European Union of Swimming Pool and Spa Associations (EUSA)	15.30-17.00		Risk Assessment Modelling- Workshop	Apostolos Vantarakis & Athanasia Palaologou
16.00-18.30	Session III	Innovative technologies in swimming pools' design and maintenance	Chairpersons: Ernest R. Blatchley III-Constantina Skanavis	17.00-18.30	Satellite events	Panhellenic Union of Public Health Supervisors - Open Discussion	
16.00-16.20		From Data to Wellness : Artificial Intelligence in Pools & Spas	George Gourgouletis				
16.20-16.40		Managing pool water circulation for safe bathing – reconciling energy savings and water quality	Martin Wood				
16.40-17.00		Replenishing Water Losses in Swimming Pools: Exploring the Potential of Rainwater Utilization	Edyta Kudlek				
		Improving Aquatic Venue Designs and Regulations with a Web-Based Dynamic Water Quality Modeling System	James E. Amburgey				
17.00-17.20							
17.20-17.40		Typing of <i>Legionella</i> strains by Fourier Transform Infrared Spectroscopy (FT-IR)	Jochen Kurz				
17.40-18.00		Indoor Air Quality in Aquatic Facilities: Surrogate Monitoring for Regulatory Compliance and HVAC Control	Gerhard Weiss				
18.00-18.20		Open Discussion and Questions	<i>Moderator: Annalisa Bargellini</i>				
18.30				Gala			

Conference Program-Days 3 & 4

Tuesday, 21 October 2025

Main Hall				Parallel Session Room			
09.00-09.30		Yesterday outcomes	Georgia Mandilara, Athena Mavridou				
9.30-10.00	Keynote speaker	Prevention policies and costs: the <i>Legionella</i> model	Vincenzo Romano Spica				
10.00-11.30	Session IV	From Policy to Practice: Implementing Regulations and Risk Assessments in Swimming Pool Environments	Chairpersons: M. Leontsinidis- Polonca Trebše				
10.00-10.20		Regulations in Greece	Vasiliki Karauli	10:00-11.30		Workshop on Legionella - IDEXX BioAnalytics	
10.20-10.40		The new DIN 19643, standard for quality and treatment of swimming pool water in Germany	Alexander Reuß				
10.40-11.00		Pool legislation in the Netherlands: from rules to ratio.	Lars Kamphuis & Maarten Keuten				
11.00-11.20		Open Discussion and Questions	Moderator: Kyriaki Tryfinopoulou				
11.30-12.00	Coffee						
12.00		Welcome to the Sustainability & Climate Adaptation Session	Chairperson: Georgia D. Mandilara				
		Welcome message	Christina-Maria Kravvari, Secretary General of Public Health, Greek Ministry of Health				
12.10-12.40	Session V	Speech:Sustainability and water resilience	K. Bakoyannis, President of the Commission for the Environment, Climate Change, and Energy (ENVE) at the European Committee of the Regions				
12.40-13.20		Open Discussion and Questions	Vincenzo Romano Spica, V.Karaouli, A. Vantarakis				
13.20-13.30		Swimming Pools and Social Issues	Athena Mavridou				
13.30-14.30	Lunch						
14.30-15.00	Keynote speaker	ESPA European Spa Association	Csilla Mezösi, ESPA European Spa Association	14.30 - 18.00	Greek Session		
15.00 - 16.40	Session VI	The Nexus of Thermal Waters and Public Health: Perspectives on Safety and Wellness	Chairperson: Edyta Kudlek - Antonio Doménech-Sánchez				Φανή Παπαθωμά, Αντιπεριφερειάρχης Πολιτισμού Τουρισμού Περιφέρειας Στερεάς Ελλάδας
15.00-15.20		Recreational Use of Spa Thermal Waters: Critical Issues and Innovative Treatment Opportunities in a One Health Perspective	Federica Valeriani	14.30-15.00	Χαιρετισμός		Γεώργιος Πισσούλης, Αναπληρωτής Περιφερειάρχης Κρήτης – Εποπτεύων των τομέων Υγείας και Κινητών Μονάδων
15.20-15.40		Microbiome of thermal water and peloid during the maturation process: a scenario full of perspectives	Annalisa Bargellini				Γιάννης Σελίμης, Εκτελεστικός Γραμματέας Περιφέρειας Αττικής
15.40-16.00		Natural Belinds in therapeutic water : Periods Transitional And Modern Spa Scince	Polonca Trebše		Ασφάλεια και Υγιεινή: Η Οπτική των Αθλητών Υδατοσφαίρισης		Φωτεινή Τριχιά, Διεθνής Αθλήτρια Υδατοσφαίρισης
16.00-16.20		Deposition enviroment and maturation processes influence on therapeutic peloid quality : Insights from Serbia and Slovenia spas	Gordana Đ. Gajica	15.00-15.15			
16.20-16.40		Open Discussion and Questions	Moderator: Maarten Keuten	15.15-15.30			Αθηνά Μπλουγουρά
16.40 - 18.00		Open discussion - conference future		15.30-15.45	Ελληνική Νομοθεσία για τις Κολυμβητικές Δεξαμενές: Προκλήσεις και Προοπτικές Αναθεώρησης	Προεδρείο: Θ. Σιδερόγλου-Α. Παπαδάκης	
				15.45-16.00	Αδειοδότηση και Λειτουργία Κολυμβητικών Δεξαμενών: Η Αναγκαιότητα Αναθεώρησης για κανονιστική συνοχή και θεσμική αποτελεσματικότητα	Αθηνά Μπλουγουρά	
				16.00-16.15	Απαιτήσεις Παρακολούθησης στις Κολυμβητικές Δεξαμενές: Ελληνικό Θεσμικό Πλαίσιο και Διεθνείς Κατευθύνσεις	Γεωργία Μανδηλαρά	
				16.15-18.00	Ελλάδα και θέματα ασφάλειας, υγιεινής, λειτουργίας Κ.Δ.	Δημήτρης Ιωαννίδης	
				16.15-16.30	Διεθνής εμπειρία σε θέματα υγιεινής και ασφάλειας σε χώρους υδάτινης αναψυχής	Παναγιώτης Πασχαλάκης	
				16.30-16.45	Προκλήσεις στον έλεγχο της ποιότητας των νερών αναψυχής στην Περιφέρεια Κρήτης και υπό το πρίσμα κλιματικής κρίσης	Συντονιστής : Ελένη Λαχανά	
16.45-17.15	Θέματα περιβαλλοντικής αδειοδότησης / χρήση θαλασσινού νερού - απορρίψεις	Προεδρείο: Β. Διαμαντόπουλος - Γ. Μακρυνός					
17.15-17.30	Εφαρμογή διεθνών προτύπων βιωσιμότητας και περιβαλλοντική ευθύνη	Κωνσταντίνος Μ. Βασσάλος					
17.30-18.00	Open Discussion - συμπεράσματα Ελληνικής Συνεδρίας		Αντώνης Παπαδάκης				
End of Conference				17.30-18.00	Open Discussion - συμπεράσματα Ελληνικής Συνεδρίας	Συντονιστές : Γ. Μανδηλαρά - Α. Μπλουγουρά	

Oral & Poster Presentations

Program-Day 2

ORAL PRESENTATIONS, Session I, Monday, 20 October, 10.00 a.m.-11.30 a.m., Parallel Session Room

No of Oral Presentation	Title	Presentation by
ORAL I1	APPLICATION OF MICRONIR TECHNIQUE COUPLED WITH CHEMOMETRICS FOR MONITORING TRIHALOMETHANES IN RECREATIONAL WATERS	<i>Tatsiana Pobat</i>
ORAL I2	BIOFILM-FORMING BACTERIA IN RECREATIONAL WATER ENVIRONMENTS: MICROBIOLOGICAL INSIGHTS AND SUSTAINABLE STRATEGIES FOR PREVENTION	<i>Agnese Bruno</i>
ORAL I3	LONGTERM DEVELOPMENT OF DISINFECTION BYPRODUCTS (DBP) AND DISSOLVED ORGANIC CARBON (DOC) IN MOBILE SWIMMING POOLS	<i>Dominik Kaczmarek</i>
ORAL I4	LEGIONELLA SPP. IN SHOWER WATER SYSTEMS OF SPORT FACILITIES, ATHENS, GREECE, 2025	<i>Stefanos Koromilis</i>
ORAL I5	COGNITIVE PERFORMANCE AND NEURAL ADAPTATIONS IN SWIMMING ATHLETES: A SYSTEMATIC REVIEW	<i>Evgenia Gkintoni</i>
ORAL I6	MICROBIOLOGICAL ANALYSIS OF SWIMMING POOL WATER FOR STAPHYLOCOCCUS AUREUS AND ROUTINE CONTROL	<i>Alkmini Vaiopoulou</i>
ORAL I7	HEALTH RISKS POSED BY CHEMICAL COMPONENTS OF GEOLOGICAL ORIGIN IN THERAPEUTIC SPA WATERS IN HUNGARY	<i>Dóra Gere</i>
ORAL I8	SUSTAINABLE POOL MANAGEMENT UNDER CLIMATE STRESS	<i>Athena Deligianni</i>
ORAL I9	TRICHALOMETHANE TROUBLES: HOW DISINFECTION BYPRODUCTS STIR UP DUTCH POOLS.	<i>Lars Kamphuis</i>

POSTER PRESENTATIONS, Session II Monday, 20 October, 12.30-13.30 Parallel Session Room

No of Poster	Title	Presentation by
POSTER II1	PERFORMANCE AND STABILITY OF MEMBRANE TECHNOLOGIES IN CLOSED CIRCUITS OF PUBLIC SWIMMING POOLS	<i>Anna Mika</i>
POSTER II2	ANALYSIS OF THE CORROSIVE PROPERTIES OF SWIMMING POOL WATER IN RELATION TO NEW TREATMENT TECHNOLOGIES	<i>Joanna Wyczarska-Kokot</i>
POSTER II3	QUANTITATIVE MICROBIAL RISK ASSESSMENT AS A TOOL FOR PUBLIC HEALTH IN A MUNICIPAL SWIMMING POOLS	<i>Athanasia Palaologou</i>
POSTER II4	OPTIMIZATION OF ENERGY RECOVERY STRATEGIES FOR INDOOR SWIMMING POOLS	<i>Ole Ø. Smedegård</i>
POSTER II5	APPLICATION OF MEMBRANE TECHNOLOGIES FOR RAINWATER TREATMENT IN SWIMMING POOL SYSTEMS: EFFICIENCY EVALUATION AND REGULATORY PERSPECTIVES	<i>Rafał Rapacewicz</i>
POSTER II6	EVALUATING THE USE OF RAINWATER IN SWIMMING POOLS: ENVIRONMENTAL BENEFITS AND LEGAL FRAMEWORKS	<i>Anna Lempart-Rapacewicz</i>
POSTER II7	SWIMMING POOLS AND HEALTH: THE NEW ITALIAN LEGISLATIVE FRAMEWORK FOR PUBLIC HEALTH PROTECTION	<i>Federica Nigro Di Gregorio</i>
POSTER II8	DRAINING WATER FOR THE POOLS – ALTERNATIVE WATER SOURCES AND THE ENVIRONMENTAL IMPACT OF THOSE	<i>Trakossa Ioni</i>
POSTER II9	A COMPREHENSIVE ASSESSMENT OF HAZARDS AND ASSOCIATED RISKS IN GREEK SWIMMING POOLS	<i>Athina Mplougoura</i>

ORAL PRESENTATIONS, Session III, Monday, 20 October, 13.30-14.30 Parallel Session Room

No of Oral Presentation	Title	Presentation by
ORAL III1	LEGIONELLA SPP. IN WATER SYSTEMS OF SWIMMING POOLS AND SHOWERS WITHIN THE SAME FACILITIES, GREECE, 2025	<i>Αναστασία Παντώτη</i>
ORAL III2	ΑΠΟΤΕΛΕΣΜΑΤΑ ΑΞΙΟΛΟΓΗΣΗΣ ΚΙΝΔΥΝΩΝ ΠΟΥ ΣΧΕΤΙΖΟΝΤΑΙ ΜΕ ΤΗ ΜΙΚΡΟΒΙΟΛΟΓΙΚΗ ΠΟΙΟΤΗΤΑ ΚΑΙ ΤΗΝ ΑΣΦΑΛΕΙΑ ΤΩΝ ΥΔΑΤΩΝ ΚΟΛΥΜΒΗΤΙΚΩΝ ΔΕΞΑΜΕΝΩΝ ΤΗΣ ΠΕΡΙΦΕΡΕΙΑΚΗΣ ΕΝΟΤΗΤΑΣ ΒΟΙΩΤΙΑΣ	<i>Μάγδα Γιαννάκη</i>
ORAL III3	ΜΙΚΡΟΒΙΟΛΟΓΙΚΗ ΠΟΙΟΤΗΤΑ ΝΕΡΩΝ ΚΟΛΥΜΒΗΤΙΚΩΝ ΔΕΞΑΜΕΝΩΝ ΣΤΗΝ ΠΕΡΙΦΕΡΕΙΑ ΚΡΗΤΗΣ: ΠΡΟ-ΠΑΝΔΗΜΙΚΗ, ΠΑΝΔΗΜΙΚΗ ΚΑΙ ΜΕΤΑ-ΠΑΝΔΗΜΙΚΗ ΠΕΡΙΟΔΟΣ	<i>Αντώνιος Παπαδάκης</i>
ORAL III4	ΞΕΝΟΔΟΧΕΙΑΚΕΣ ΠΙΣΙΝΕΣ ΥΠΟ ΤΟ ΜΙΚΡΟΣΚΟΠΙΟ: ΕΡΓΑΣΤΗΡΙΑΚΗ ΑΞΙΟΛΟΓΗΣΗ ΠΟΙΟΤΗΤΑΣ ΝΕΡΟΥ	<i>Γεώργιος Μπασακίδης</i>
ORAL III5	ΑΝΑΛΥΣΗ ΚΙΝΔΥΝΟΥ ΑΣΦΑΛΕΙΑΣ ΚΟΛΥΜΒΗΤΙΚΩΝ ΔΕΞΑΜΕΝΩΝ ΣΕ ΞΕΝΟΔΟΧΕΙΑΚΗ ΜΟΝΑΔΑ ΣΤΗΝ ΡΟΔΟ: ΖΕΤΕΣ CASE STUDY	<i>Κυριάκος Γιαλλουράκης</i>
ORAL III6	ΕΛΕΓΧΟΣ ΚΑΙ ΛΕΙΤΟΥΡΓΙΑ ΚΟΛΥΜΒΗΤΙΚΩΝ ΔΕΞΑΜΕΝΩΝ ΣΤΗΝ ΤΟΥΡΙΣΤΙΚΗ ΕΛΛΑΔΑ	<i>Εύη Δ. Οικονομίδου</i>

Workshop on Legionella - IDEXX BioAnalytics

Tuesday, 21 October 2025, 10.00 a.m. -11.30 a.m.

Parallel Session Room

Speaker : **Vincenzo Romano Spica**, Full Professor of Public Health, University of Rome "Foro Italico", Italy

Cost-benefit analysis for Legionella pneumophilla

Speaker : **Claudia Topalli** - Head of EU affairs and Government Relations IDEXX SA / Water Europe Board member

European Drinking Water Directive – Legionella insights

Speaker: **Δημοσθένης Χοχλάκης (Dimosthenis Chochlakis)**

Δρ Μοριακής Μικροβιολογίας – Επιδημιολογίας
Επιστημονικός συνεργάτης / Εργαστήριο Κλινικής Μικροβιολογίας και Μικροβιακής Παθογένεσης / Ιατρική Σχολή Πανεπιστήμιο Κρήτης
Εργαστηριακή εμπειρία και αποτελέσματα Legiolert σε δείγματα νερού.

Speaker: **Καλλιόπη Καπέτη** – Αντιπρόεδρος ΔΣ METROLAB Π.ΚΑΠΕΤΗΣ Α.Ε.
Παρουσίαση του νέου kit Legiolert για ανίχνευση L. pneumophilla σε νερό