LIFESAVING SOCIETY
2023 Canadian Symposium on the Use of Emerging Technology in Aquatic Safety Supervision

What is this?

In this one-day Lifesaving Society symposium, experts from the U.S. and Canada will bring the most up-to-date information on new technology and how it will influence safety supervision in aquatic settings.

Who should attend?

Aquatic supervisory staff, facility managers, recreation directors, swimming pool operators, environmental engineers, construction supervisors, architects and supervisory staff who want information on the design and operation of aquatic natatoriums.

When & where?

Wednesday, October 18, 2023
9:00 am – 4:00 pm ET
Agincourt Community Centre
31 Glen Watford Drive, Toronto

Cost

In person – $175 (includes HST). Light lunch included.

Virtual – $75 (includes HST)

Download the Registration Form

Contact

Direct questions to Ann Palmer at the Lifesaving Society:

Tel: 416-490-8844

Email: annp@lifeguarding.com.

Register soon. Space is limited!

A Day-Long Event

Join aquatic professionals at a day-long hybrid and interactive symposium in Toronto, Canada. We will address the use of emerging technology in aquatic safety supervision and will provide owner/operators with information and tools that will enhance safety in supervised and unsupervised aquatic settings.

In this Lifesaving Society symposium, experts from the U.S. and Canada will bring the most up-to-date information on how technology is aiding in the safe design and operation of swimming pools and public waterfronts. Symposium topics will include:

Framing the Drowning Trends in Supervised Settings

Examination of the stats behind drownings aquatic in supervised settings, the trends of non-fatal drownings and plans to refine the reporting of trends in supervised settings.

Lisa Hanson Ouellette, Senior Research Officer, Drowning Prevention Research Centre Canada

NDPA Research into Technology as a Layer of Protection

National Drowning Prevention Alliance's (NDPA) review of technology and some of the benefits and concerns related to this technology as well as a brief description about the application of a business model in determining its use in swimming pools.

Dr. Adam Katchmarchi, Executive Director, NDPA

WaterHCI (Water-Human-Computer Interaction)

WaterHCI (Water-Human-Computer Interaction) is a field of study and practice focusing on the design and creation of interactive devices, systems, and experiences at the intersection of water, humans, and technology. This session will review how this study will influence the design and selection of safety systems in aquatic settings.

Dr. Steve Mann, University of Toronto and Stanford University

ISO Standard and Working Group Revisions

The session will share information on the development of a standard for computer vision systems for the detection of drowning accidents in swimming pools.

Rolf Huber, Chair for Canada of the ISO TC83/WG 4 "Computer vision systems for the detection of drowning accidents

Legal Implications and Personal Privacy

Examination of the implications of operating public facilities with surveillance systems. Pool and facility – including changerooms and other public and staff areas within an aquatic facility – will be explored and strategies shared that permit the installation.

Stanislav Bodrov, Strigberger Brown Armstrong LLP

Using technology to design the safest facility

In this session, learn about effective design processes, the technology and resources that can help, and potential solutions to common challenges both as part of building or retrofitting an aquatic facility.

Jeanne Ng, Principal, MJMA Architecture and Design, Gary Sanger, VP, Safety Standards Lifesaving Society

Smart Beach Technology

The Smart Beach project is a three-year pilot project that uses innovative technologies to collect and analyze water and weather conditions and develop a system that will provide beach-goers with real-time information including rough surf and the presence of rip currents so that they can stay safe at the beach.

Presenter: Dr. Chris Houser, University of Waterloo

Technology Panel- a global review of currently technology