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CANADIAN FIRE SAFETY ASSOCIATION
ASSOCIATION CANADIENNE DE SÉCURITÉ INCENDIE

ANNUAL EDUCATION FORUM 2021

September 21 & 22, 2021 • Virtual Meeting



Program at a Glance Sponsorship Current Sponsors Register Today Hot Ticket

Program at a Glance



DAY 1 - Tuesday, September 21, 2021

8:45 am – 9:00 am	Delegates login to platform
9:00 am – 9:15 am	Welcome Address Scott Pugsley, CFSA President
9:15 am – 10:15 am	Keynote Address Presenter: Ryan Duggan, Director of Fire & Life Safety, City of Toronto <i>(click for session details)</i>
10:20 am – 11:05 am	OBC 2022 Code Changes, Past and Present Presenter: David Vickers, B.Sc., C.E.T., CFPS, RHFAC Professional <i>(click for session details)</i>
11:20 am – 12:05 pm	High, Medium, or Low? A guide to determine industrial occupancy classifications Presenter - Melinda Amador, P. Eng., CodeNext Inc. <i>(click for session details)</i>
12:10 pm – 12:15 pm	Closing Remarks
12:15 pm – 1:45 pm	At leisure to connect with delegates through platform and view exhibit directory

DAY 2 - Wednesday, September 22, 2021

Theme: Energy Storage Systems

Lithium ion battery applications have continued to increase from consumer products to e-scooters to large-scale energy storage systems (ESS). The wide use of this effective technology has increased at a pace that codes and standards are lagging behind relative to fire and explosion protection, particularly with ESS and facilities that have areas for handling and storage of Li-ion batteries. As more research and testing of new systems occurs, the industry continues to develop best practices for developing and protecting safe Li-ion battery applications. This series of presentations will provide an understanding of the fundamentals of Li-ion batteries and their potential hazards along with an overview of existing codes and standards and best practices for conducting hazard and mitigation analyses. Presentations will also provide case studies and insights into best fire protection practices for ESS and handling and storage applications.

9:00 am – 9:15 am	Delegates login to platform
9:15 am – 9:25 am	Opening Remarks
9:30 am – 10:15 am	Part 1 Lithium-Ion Batteries – Fundamentals and Hazards Presenter - Amir Baroughi, M.SC., P.Eng., Jensen Hughes <i>(click for session details)</i>
10:15 am – 10:55 am	Part 2 Introduction to Energy Storage System (ESS) Presenter - Dan Gottuk, PhD, PE, Jensen Hughes <i>(click for session details)</i>
11:05 am – 11:55 am	Part 3 Energy Storage System (ESS) – Protection & Case Study Presenter - Jens Conzen, Jensen Hughes <i>(click for session details)</i>
12:00 pm – 1:00 pm	Part 4 Handling, Storage & Fire Protection of Lithium-Ion Batteries Presenter - Jason Sutula, PE, Jensen Hughes <i>(click for session details)</i>
1:00 pm – 1:10 pm	Closing Remarks and Draw Prizes
1:10 pm – 2:00 pm	At leisure to connect with delegates through platform and view exhibit directory



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