

Professionals Dedicated to the Safety of Systems, Products & Services



SYSTEM SAFETY SOCIETY

CANADA CHAPTER

President: Tony Zenga
tzenga@cmtigroup.com

Vice President: Sue Cox
Sue.Cox@safetywright.com

Treasurer: Dr. Kai Deng
Kai.Deng@navcanada.ca

Secretary: Dr. Panesar-Walawege, Rajwinder
Rajwinder.Panesar-Walawege@navcanada.ca

Event Coordinator: Tony Zenga
tzenga@cmtigroup.com

Title: Safety Doesn't Happen By Accident, Part 1 of 3 The Case for System Safety in Industry 4.0

Please join us on **Wednesday, May 26th (12:00 noon EDT)** for an International System Safety Society Presentation event featuring Ms. Sonia Bot from The BOT Consulting Group Inc. and Mr. Tony Zenga ISSS Canada Chapter President and President of CMTIGroup Inc.

DESCRIPTION

Industry 4.0 (also known as the Fourth Industrial Revolution) is a reality. Many traditional industries such as rail, transportation, supply chains, energy, oil and gas, etc. are at the beginning of their journey to establishing true end-to-end digital continuity through digitalization, IIOT, AI, etc.

How do we know that these solutions and systems are safe and that there are no lurking issues? How do we know that the integration of multiple components from vendors, partners, and even from within meet safety objectives? How do we know if safety integrity is preserved after a change is made? How do we shift the paradigm where safety moves from a cost center to a value-added business driver?

In Part I of this three-part series, Sonia Bot, The BOT Consulting Group Inc., and Tony Zenga, CMTIGroup Inc., make the case for system safety as the necessary discipline for safety-conscious industries to embed as they move forward in innovating and advancing in the 21st century.

ABOUT Sonia Bot



Sonia Bot, chief executive of The BOT Consulting Group Inc., has played key roles in the inception and delivery of several strategic businesses and transformations worldwide. She's navigated through downsizing, right-sizing, de-regulations, SEC investigations, and economic downturns / scale-ups, let alone work through one of the largest and high-profile global corporate bankruptcies in the world.

By utilizing methodologies in entrepreneurship, business precision, Lean Six Sigma, systems and process engineering, and organizational behavior she's enabled organizations to deliver breakthrough results along with providing them a foundation to continue to excel. Her approaches on the evolution of companies and industries are game changers that drive innovation and competitive advantage.

Her experience ranges from Fortune 500 corporations through to medium-sized ones, plus SMBs and start-ups. Industries include high technology, media, telecommunications, information and computing technology, railroading, transportation, energy, medical and healthcare, aerospace and defense, and education.

She holds engineering degrees from the University of Waterloo (BMath) and the University of Toronto (MAsc) and is a certified Lean Six Sigma Master Black Belt. Sonia can be reached at sdbot@botgroupinc.com or www.botgroupinc.com.

ABOUT Tony Zenga



Tony Zenga is the ISSS Canada chapter president and owner of CMTIGroup Inc. Tony is an accomplished specialty engineering consultant with international experience in operational reliability and safety for mission critical systems. He has played key roles in the implementation of System Safety engineering programs for aerospace, defense, high tech, air traffic control, mass transit and rail infrastructure projects worldwide.

By leveraging on his design and development experience of large-scale safety-critical systems, combined with his systems engineering knowledge, he enables organizations to deploy their systems safely into field operation.

Tony was awarded the ISSS Manager of the Year Award in November 2020. He holds a BSc Engineering degree from California Coast University and is a certified software engineer from University of British Columbia. Tony can be reached at tzenga@cmtigroup.com or www.cmtigroup.com.

MEETING LINK AND CALL-IN INFORMATION

Join Microsoft Teams Meeting (note if the "Join Microsoft Teams Meeting" hot link does not work please copy and paste the link at the bottom of this page in your Chrome browser)

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

[+1 647-484-5913](tel:+16474845913), 145454599# Canada, Toronto

Phone Conference ID: 145 454 599#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

IT IS RECOMMENDED THAT YOU INSTALL THE MICROSOFT TEAMS APP ABOUT 10 MINUTES BEFORE THE PRESENTATION.

MICROSOFT MEETING LINK:

[HTTPS://TEAMS.MICROSOFT.COM/L/MEETUP-JOIN/19%3AMEETING_YTQ3OTFLZJITZDE3NC00MDI3LWEZMTMTM2JKODDJM2EZZDG0%40THREAD.V2/0?CONTEXT=%7B%22TID%22%3A%2273E636BE-E4D1-4BD4-9057-28CAB8E7D4C3%22%2C%22OID%22%3A%222EC7CF45-4172-409E-A48E-05257040B42C%22%7D](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ytq3otflzjitzde3nc00mdi3lwezmtmtm2jkoddjm2ezzdg0%40thread.v2/0?context=%7B%22tid%22%3A%2273E636BE-E4D1-4BD4-9057-28CAB8E7D4C3%22%2C%22oid%22%3A%222EC7CF45-4172-409E-A48E-05257040B42C%22%7D)

FOR THE INTERNATIONAL SYSTEM SAFETY SOCIETY MEMBERSHIP PLEASE VISIT:

[HTTPS://SYSTEM-SAFETY.ORG/DEFAULT.ASPX](https://system-safety.org/default.aspx)

STAY TUNED... COMING SOON!

PART 2: SYSTEM SAFETY AS A VALUE-ADDED BUSINESS DRIVER

PART 3: IDENTIFYING OVERLOOKED PRACTICES