



July 2020 Joint Meeting



ASSOCIATION
OF OLD CROWS
WINDY CITY CHAPTER
CHICAGO ★ ILLINOIS



Topic: “Innovation and National Security: Participation and Secrecy”

Presenter: Dr. Tina P. Srivastava

Lecturer at MIT Aeronautics and Astronautics Engineering, MIT System Design and Management Fellow, INCOSE Co-Chair of PM-SE Int. Working Group

Presentation Site: Remote

Online attendance only due to COVID-19.

Date: Thursday, July 16, 2020

Agenda: 6:30 - 7:00 PM CT – Announcements & Introductions

7:00 - 7:15 PM CT – Mini Presentation on the INCOSE Anti-Terrorism Int'l (ATI) and Critical Infrastructure Protection and Recovery (CIPR) Working Groups by Steve Sutton, WG Chair

7:15 - 8:30 PM CT – Feature Presentation and Q&A

Abstract

Dr. Srivastava will discuss innovation and national security, focusing on two key challenges: participation and secrecy. The participation challenge is about providing adequate incentives to potential innovators, and she will discuss challenges to incentivizing participants and how to overcome them. She will discuss IP policies, innovation contests, and incentivizing employees within a company, so business leaders can learn how to incentivize their own employees, and also how they can open up the innovation process to enable broader diversity in innovation by applying open innovation strategies to overcome technology hurdles. The secrecy challenge is about technology innovation for national security where secrecy can be an obstacle. Dr. Srivastava is passionate about technology innovation and in particular, how to harness it to further national security and competitiveness -- for example, targeted innovation to land an astronaut on the moon, or develop stealth machinery for cyber defense. Secrecy in classified environments sometimes makes it hard to recruit and innovate. She will discuss how to navigate various contracting and legal channels, and discuss government programs and policies related to technology innovation and government contracting.

About Our Speaker

Dr. Tina P. Srivastava has served on INCOSE's Board of Directors and received the INCOSE Inaugural David Wright Leadership Award in 2014 for technical and interpersonal competencies in the practice of system engineering as a means for solving the great challenges of our planet. She is a lecturer at MIT in the areas of aerodynamics, aviation, complex systems, and technology road mapping and selection. She is also the author of *Innovating in a Secret World*, featured by MIT. Dr. Srivastava co-chaired the PM-SE Integration Working Group and is one of the authors and editors of the book *Integrating Program Management and Systems Engineering*. As an innovator, entrepreneur, and technology expert, Tina's experience spans roles as chief engineer of electronic warfare programs at Raytheon to cofounder of a venture-backed security startup. She is an FAA-certified pilot and instructor of MIT's Pilot Ground School course. Dr. Srivastava earned her PhD in Strategy, Innovation, and Engineering, a Masters in System Design and Management, and a Bachelors in Aeronautics and Astronautics, all from MIT.

For more information, go to <http://www.incose.org/Chicagoland/> or www.crows.org/group/windy_city



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INCOSE Chicagoland Sites



Aerotek / EASi offices
1501 E. Woodfield Rd. Suite 300N
Schaumburg, IL 60173
3rd Floor Conference Room



BB7, 5407 Fen Oak Dr.
Madison, WI 53718
Mendota Conference Room



Oshkosh Corp (*Limited to Oshkosh Employees*)
370 W. Waukau Ave
Oshkosh, WI 54902

Attend live, on-line. Meeting begins at 6:30 PM CT.

Video URL:

<https://incose.pgimeet.com/INCOSEResourceTwelve>

Audio Dial-In:

Access Number: 1-605-475-5604

Guest Passcode: 723 236 7062