



CHICAGOLAND

June 2018 Chapter Meeting



System Program Management

Dr. Tina P. Srivastava

MIT Aeronautics and Astronautics Engineering
MIT System Design and Management Fellow
INCOSE Board of Directors, Secretary

Thursday, June 21

6:00 – 6:30 pm – Dinner & Networking

6:30 – 6:45 pm – Intros & Announcements

6:45 – 8:00 pm – Presentation and Q&A

Abstract

The disciplines of Program Management and Systems Engineering are inherently intertwined. To develop and deliver complex systems, all three sides of the “iron triangle” (cost, schedule, and performance) must be known, traded, and evolved in consideration of the others. When there is tension and confusion over the roles of PMs vs. SEs, programs suffer from deadline overruns and failures. This presentation will introduce the fundamentals of system program management. The target audience includes professionals from both the systems engineering and project management spheres, including those seeking a deeper common understanding and those new to either discipline. Every systems engineer must understand key Portfolio, Program, and Project Management (P3M) fundamentals to critically evaluate and, when necessary, credibly challenge management on potentially unrealistic expectations related to project cost, schedule, scope, and risk. Advanced methods and tools of project management will be introduced in the context of managing complex projects. Finally, this presentation will discuss strategic issues and scenarios that cannot be fully predicted such as unplanned rework, perceived versus actual progress, and misalignments between work breakdown structures, organizations, and product architectures.

About Our Speaker

Dr. Tina P. Srivastava is currently serving on INCOSE’s Board of Directors as Secretary since her election in 2015. Dr. Srivastava 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. Dr. Srivastava co-chair of the PM-SE Integration Working Group and is one of the authors and editors of the book *Integrating Program Management and Systems Engineering*.

Dr. Srivastava is an entrepreneur and has held senior engineering leadership and technical management roles across the aerospace, cyber security, and commercial sectors. She was awarded the National Technical Innovation Award as Chief Engineer at Raytheon, leading a team of 30 in the development and deployment of an advanced radar system. Dr. Srivastava earned her S.B., S.M., and Ph.D. from MIT in Aeronautics and Astronautics Engineering, Strategy, and Innovation. She is a lecturer at MIT in the areas of aerodynamics, complex systems, technology road mapping and selection, and aviation. Dr. Srivastava is also an FAA certified pilot.

For more information, visit incose.org/chicagoland



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Presenter Location: Remote

Attend / Network at a physical site or attend online



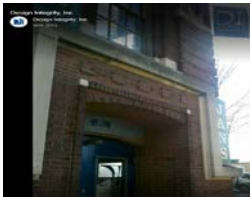
IBM, 10 N Martindale
Schaumburg, IL 60173
3rd Floor Conference Room



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



AbbVie Inc. (**Limited to AbbVie Employees**)
1 North Waukegan Road, Building AP31
North Chicago, IL 60064



Design Integrity
1155 W Fulton Market
Chicago, IL 60607



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

Attend Live, Online

Meeting begins at 6:30 PM CDT

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

Access Number: (719) 457-1414

Guest Passcode: 944 440 9838

For more information, visit incose.org/chicagoland