



**Please join us for the 100<sup>th</sup> INCOSE Webinar!**

**In celebration, this webinar is open to all participants – you do not need to be a member of INCOSE or an INCOSE Corporate Advisory Board Organization to attend the webinar!**

**The webinar will be presented twice on 19<sup>th</sup> June 2017, from 8am – 9am EDT (12pm – 1pm UTC) and from 7pm – 8pm EDT (11pm – 12am UTC). Please join whichever presentation best suits your schedule.**

**As the number of phone lines available for the webinar is limited, please try to link in with other attendees from a conference room to maximize participation. **Please note that registration will be controlled for the second event. Please register early to avoid disappointment!****

**Both webinar sessions will be recorded and the recordings posted on the INCOSE public website, [www.incose.org](http://www.incose.org) and on INCOSE YouTube**

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## **When**

June 19th from 8am - 9am EDT (12pm – 1pm UTC) and  
from 7pm – 8pm EDT (11pm – 12am UTC)

## **Topic**

Integrating Program Management and Systems Engineering

## **Speakers**

Randall C. Iliff, Eric S. Rebentisch and Stephen Townsend

## **Abstract**

One major effort of the INCOSE alliance with MIT and PMI has been to develop a book incorporating research our organizations have supported over the past three years focused on the integration of systems engineering and project/program management practices. In addition to research, alliance members contributed knowledge of the field, existing tools and standards, and a wealth of practical experience. Thanks to generous contributions by many INCOSE members, as well as our alliance colleagues at PMI and MIT, this important new work is now becoming available to the world.

(Integrating Program Management and Systems Engineering is available through the INCOSE and PMI bookstores. Members can purchase the book at a discount, check the website for detailed pricing and availability information.)

Integrating Program Management and Systems Engineering offers a valuable resource for anyone involved in developmental effort, and presents a framework for understanding how these elements combine to improve programs throughout their life-cycle. It uses case studies and acknowledged best practices to show the practical, real world application of the framework. A key contribution of this book is practical guidance on tools, processes, capabilities and structures that enable effective integration between program management and systems engineering.

Please join as the lead representatives from each alliance organization introduce the background behind this work, overview the contents, and share their vision for opportunities that the book creates.

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## Biographies

**Randall C. Iliff** has over 35 years' experience on developmental efforts ranging in size from a few thousand to billions of dollars. Both a seasoned Program Manager and expert Systems Engineer, he has a solid record of disruptive innovation in aerospace, medical, commercial and consumer markets.



Mr. Iliff is currently founder and principal at Eclectic Intellect, LLC where he specializes in helping clients implement and improve innovation processes. Before founding Eclectic Intellect, he was Vice President at the award-winning product development firm bb7, served as Systems Engineering Manager for IceCube - a University of Wisconsin led cubic kilometer scale neutrino telescope at the South Pole, an Engineering Manager at Motorola Government Electronics Group, a Program Manager / Senior Systems Engineer at Martin Marietta Denver Aerospace, and a junior member of the "skunkworks" Advanced Development Group at McDonnell-Douglas Astronautics.

Mr. Iliff holds a BS in Engineering / Industrial Design from Michigan State University, and an MS in Systems Management, Research and Development from the University of Southern California.

Mr. Iliff has significantly contributed to both PM and SE practice capabilities. He is a charter member of the International Council on Systems Engineering (INCOSE) and currently serves as the INCOSE representative on an alliance between INCOSE, PMI, and the MIT Consortium for Engineering Program Excellence. In February of 2017 that alliance published "Integrating Program Management and Systems Engineering: Methods, Tools and Organizational Systems for Improving Performance". This work explains based on research, and illustrates through case studies, why the quality of integration between PM and SE is so critical to program outcome.

A frequent speaker, Mr. Iliff has developed and conducted thousands of hours of training covering all aspects of product development, particularly integrating Systems Engineering and Program Management. He is the developer, subject matter expert and master instructor for several PMI accredited courses. Thousands of people have attended his classes, thousands more have heard his ideas on development during keynote / featured speaker presentations.

**Eric S. Rebentisch** is Lead Researcher at MIT's Consortium for Engineering Program Excellence. He has a Ph.D. in Management of Technological Innovation from MIT, a Master's degree in Organizational Behavior from Brigham Young University, and a B.S. in Aerospace Engineering from California State Polytechnic University. He has taught Master's level and continuing education courses on Six Sigma, Lean Product



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Development, Lean Enterprise, and Research Methods. A frequent presenter/lecturer, his major areas of research include High Performance Enterprise Product Development, Lean Product Development, Lean Project Management, Enterprise Change Management, and System Architecting and Development Strategies. He is editor of “Integrating Program Management and Systems Engineering” and author of numerous other publications. He has played key roles in analysis, policy recommendations, and transformation initiatives within the US and other governments.

**Stephen Townsend** is PMI’s Director for Network Programs. In this capacity, he leads special program initiatives, including development of a practice guide on agile methods; and a book on the integration of program management and systems engineering with the International Council on Systems Engineering and MIT’s Consortium on Engineering Program Excellence. He is also working with PMI’s U.S. government relations team to plan for implementation of the Program Management Improvement Accountability Act.



Stephen has worked within PMI since 1999 in the areas of member services; chapter/community relations; business/government relations; and PMI’s global development activities.

Stephen has over 30 years of experience in non-profit leadership and management, including staff roles in such associations as:

- Food Marketing Institute.
- American Association for Marriage and Family Therapy.
- National Community Mental Healthcare Council.
- Clinical Laboratory Management Association.
- Society of Cable Telecommunications Engineers.
- Institute of Management Accountants.

Stephen has also consulted with associations on their global development and community strategies. He is a long-term member of and volunteer within the American Society of Association Executives.

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## How to Connect

Event address for attendees (first event, 8am – 9am EDT, 12pm – 1pm UTC):

<https://incoseevents.webex.com/incoseevents/onstage/g.php?MTID=e6eecd64f664a88bef78560e1edbe1867>

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Event password: INCOSE100

Event address for attendees (second event, 7pm – 8pm EDT, 11pm – 12am UTC):

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**Please note – registration for the second event will be controlled to ensure that chapters that are linking in have access to the webinar. Please register early (at least 24 hours prior to the webinar) to avoid disappointment!**

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You will also find a copy of the joining instructions on the new INCOSE Connect website, at

<https://connect.incose.org/Library/Webinars/Pages/INCOSE-Webinars.aspx>

## Notice

Note that the webinar is a combination of PowerPoint slides + audio. You need to set your browser to the url listed below to see the slides and also dial into the phone number below to hear the audio. We are using Webex for this webinar. Please note that you can now access the webinar using mobile devices. There are 500 virtual seats available for the webinar. Right now they are available on a first-come, first-served basis.

Webex can be used to record meetings. By participating in this meeting, you agree that your communications may be monitored or recorded at any time during the meeting.

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Please note that you can now receive a PDU in support of certification renewal by attending an INCOSE technical webinar. Here is the link to details about certification renewal, including information on PDUs.

<http://www.incose.org/certification/CertFAQs>

Regards,

Andy Pickard

Rolls-Royce Representative, INCOSE Corporate Advisory Board,  
[Andrew.C.Pickard@rolls-royce.com](mailto:Andrew.C.Pickard@rolls-royce.com)

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