



11<sup>th</sup> Annual INCOSE  
**Great Lakes Regional Conference**  
 SUPERIOR SYSTEM SOLUTIONS FOR  
 TODAY'S COMPLEX ENVIRONMENTS  
 11 - 14 October 2017 | Twin Cities, Minnesota

## GLRC11 - Friday, 13 October 2017 - AM

Time Block (Central Time)	PDD Satellite Sites	AiRE Ballroom 1-2	Runway 3-4	Wright Suite
7:00 AM - Noon	N/A	Registration in AiRE Ballroom Mezzanine		
7:00 AM - 4:00 PM		Exhibits in AiRE Ballroom 3-4		
7:00 AM - 8:00 AM		Networking Continental Breakfast in AiRE Ballroom 3-4 with Sponsors/Exhibitors - Presented by Rolls Royce		
8:00 AM - 8:30 AM	<b>Satellite Sites</b>  <b>Systems Engineering Professional Development Day (SE PDD) Welcome</b>  Broadcast of Opening Plenary	<b>SE PDD Opening Plenary</b> in AiRE Ballroom 1-2 8:00-8:15 - Announcements and Recognition of Satellite Sites - Troy Peterson, Emcee 8:15-8:30 - SE-PDD Introduction - Troy Peterson, Emcee		
8:30 AM - 10:00 AM	<b>Satellite Sites</b>  <b>SE PDD Presentations</b>  Broadcast of Session 6 <b>SE Fundamentals</b>	<b>Session 6 - SE Fundamentals</b> Session Chair - Adam Wilke  8:30-9:10 - <i>Back to Basics: The Alphabet Soup of Systems Engineering Development Models</i> David Walden  9:15-9:55 - <i>INCOSE's Transformation Strategic Objective</i> Troy Peterson	<b>Session 7 - Forward Thinking</b> Session Chair - Bill Farmer  8:30-9:10 - <i>Creating a Systems Literate World</i> Peter Tuddenham  9:15-9:55 - <i>Big Data, Small Data, the Digital Thread, and PLE: Leveraging Existing Assets Using S*Metadata</i> William Schindel	<b>Session 8 - Safety</b> Session Chair - Michele Zoromski  8:30-9:10 - <i>Arguing Software Safety: An Alternative to Safety Cases</i> David Gelperin  9:15-9:55 - <i>Proving Correctness of Safety-Critical Software</i> Brian R Larson
10:00 AM - 10:30 AM	<b>Morning Networking Break</b>	Morning Networking Break in AiRE Ballroom 3-4 with Sponsors/Exhibitors - Presented by Oshkosh Defense		
10:30 AM - 12:00 PM	<b>Satellite Sites</b>  <b>SE PDD Presentations</b>  Broadcast of Session 9 <b>SE Risk Analysis</b>	<b>Session 9 - SE Risk Analysis</b> Session Chair - Brian Larson  10:30-11:10 - <i>What Every SE and PM Needs to Know About the Update to International Risk Management Standard INCOSE/IEC/IEEE 16085</i> Jack Stein, Mary Beth Chrisses, and Paul Heining  11:15-11:55 - <i>Cyber-Physical Systems Engineering Mission Risk Analysis</i> David Flanigan	<b>Panel Discussion 2</b>  <b>Here Be Dragons:            The Uncharted Waters of MBSE</b>  Moderator - Michael Vinarcik Panelists - David Long, Dave Walden, Eric Alexander, Matthew Hause, and James Hummell  10:30-11:00 - Position Statements 11:00-11:55 - Audience Discussions	<b>Session 10 - New Perspectives</b> Session Chair - Kendra Kreutz  10:30-11:10 - <i>Transitioning into a Process-based Systems Engineering Organization</i> Paul White  11:15-11:55 - <i>System Verification and Validation of Complex Systems</i> Mike Tank