



11th Annual INCOSE
Great Lakes Regional Conference

**SUPERIOR SYSTEM SOLUTIONS FOR
TODAY'S COMPLEX ENVIRONMENTS**

11 - 14 October 2017 | Twin Cities, Minnesota

GLRC11 Systems Engineering Professional Development Day (SE PDD) Agenda

Friday, 13 October 2017

All times listed are Central Time Zone

SE PDD Opening Plenary

- 8:00-8:15 **Announcements and Recognition of Satellite Sites**
Conference Emcee
- 8:15-8:30 **SE PDD Introduction**
Conference Emcee

Session 6 - SE Fundamentals

- 8:30-9:10 **Back to Basics: The Alphabet Soup of Systems Engineering Development Models**
David Walden
- 9:15-9:55 **INCOSE's Transformation Strategic Objective**
Troy Peterson

Morning Networking Break - 10:00-10:30

Session 9 - SE Risk Analysis

- 10:30-11:10 **What Every SE and PM Needs to Know About the Update to International Risk Management Standard INCOSE/IEC/IEEE 16085**
Jack Stein, Mary Beth Chrisses and Paul Heininger
- 11:15-11:55 **Cyber-Physical Systems Engineering Mission Risk Analysis**
David Flanigan

Networking Lunch - 12:00-1:00

Post-Luncheon Presentations

- 1:00-1:15 **Platinum Plus Sponsor Address**
NoMagic
- 1:15-1:55 **Sigma Theta Mu Lecture - Reimagining Systems Engineering**
David Long, Vitech and INCOSE Past-President

Session 11 - Advanced SE Topics

- 2:00-2:40 **Learning from Nature's Methods of System Architecting and Engineering**
John Gill
- 2:45-3:25 **Risk Analysis of Medical Device System of Systems**
Rand Whillock John Hatcliff, and Paul Jones

Afternoon Networking Break - 3:30-4:00

Session 13 - Advanced SE Topics

- 4:00-4:40 **System Engineering Your MBSE Deployment**
David Long
- 4:45-5:25 **Feature-based Product Line Engineering: ISO Standards Initiative and Recent Industry Experience**
Charles Krueger

SE PDD Closing Plenary

- 5:30-5:40 **Announcements and Recognitions**
Conference Emcee
- 5:40-5:50 **GLRC12 Preview**
William Schindel, INCOSE Crossroads of America Chapter President
- 5:50-6:00 **Conference (and SE PDD) Wrap-up**
Conference Emcee

Special Thanks to all of the Plus Sponsors of the SE PDD!

Platinum Plus – No Magic • Engility
Gold Plus – General Dynamics • BAE Systems
Silver Plus – ICTT Systems Science • Sysnovation

Thanks to the GLRC11 Participating Chapters!

Host Chapter – North Star (MN)
Other Chapters – Chicagoland (IL) • Cleveland-Northern Ohio (OH) • Crossroads of America (IN) • Michigan (MI) • Wasatch (UT) • Wright Brothers (OH)