



11th Annual INCOSE Great Lakes Regional Conference

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

11 - 14 October 2017 | Twin Cities, Minnesota

Cleveland's SE-PDD Site registration link: <https://tinyurl.com/y88nc8xk>
General registration link: <http://www.incose.org/glrc11/attendees/registration>

GLRC11 Systems Engineering Professional Development Day (SE PDD) Agenda - Cleveland

Friday, 13 October 2017

NASA Glenn Research Center
21000 Brookpark Road
Cleveland, OH 44135

All times listed are Eastern Time Zone

Note: GLRC has prerecorded the session presentations to allow for PDD sites to have flexibility due to different time zones. For the Cleveland location we will be playing the late afternoon session before the Plenary session begins at 9am.

Session 13 - Advanced SE Topics (Playback)

- 7:30-8:10 **Testing Mettle: Demonstrating the Capability and Benefit of Model Based Systems Engineering**
Matthew Sease
- 8:15-8:55 **Feature-based Product Line Engineering: ISO Standards Initiative and Recent Industry Experience**
Charles Krueger

SE PDD Opening Plenary

- 9:00-9:15 **Announcements and Recognition of Satellite Sites**
Conference Emcee
- 9:15-9:30 **SE PDD Introduction**
Conference Emcee

Session 6 - SE Fundamentals

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

Morning Networking Break - 11:00-11:30

Session 9 - SE Risk Analysis

11:30-12:10 ***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

12:15-12:55 ***Cyber-Physical Systems Engineering Mission Risk Analysis***

David Flanigan

Networking Lunch - 1:00-2:00 (Off-site)

Post-Luncheon Presentations

2:00-2:15 ***Platinum Plus Sponsor Address***

NoMagic

2:15-2:55 ***Sigma Theta Mu Lecture - Reimagining Systems Engineering***

David Long, Vitech and INCOSE Past-President

Session 11 - Advanced SE Topics

3:00-3:40 ***Learning from Nature's Methods of System Architecting and Engineering***

John Gill

3:45-4:25 ***Risk Analysis of Medical Device System of Systems***

Rand Whillock John Hatcliff, and Paul Jones

Afternoon Networking Break - 4:30-5:00

Cleveland PDD site shuts down at 5pm.

Join us at Fatheads Brewery for happy hour!

24581 Lorain Rd, North Olmsted, OH 44070

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

5:40-5:50 ***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)