INCOSE Los Angeles Chapter

Monthly Speaker Meeting

Tues. November 8, 2022

Thanks for joining!

Everyone is Welcome Here!

Agenda

5:30 PM – Introductions and Networking

6:00 PM – President's News & Events

6:10 PM – INCOSE's Professional Development Portal

6:20 PM – Bo Oppenheim, *Lean Healthcare Systems Engineering*

7:15 PM – Q&A

7:30 PM – Adjourn meeting

Save the Date: *Sat. Dec. 10, 2022*
INCOSE-LA Chapter Holiday Dinner

You are cordially invited!

LA Chapter Holiday Dinner

Join us in person!

Sat. 12-10-22, 6:30 -8:30 pm
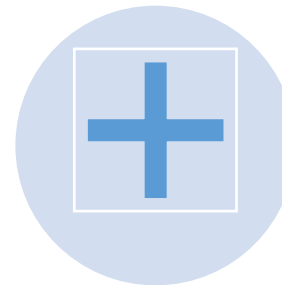
Buca di Beppo Italian Restaurant

1670 S Pacific Coast Hwy

Redondo Beach, CA 90277

Please RSVP to email invite by Dec. 6

Dinner provided for

$20 per person

Plus-one is welcome

Join us for the Annual INCOSE
[International Workshop](#)

Jan. 29 January 28 to 31, **2023**	**Hybrid Event** Torrance Marriott Redondo Beach 3635 Fashion Way Torrance, California 90503 - USA

- What is the International Workshop?

- Hundreds of participants from all over the world come to Torrance, CA or join online and work together on systems engineering--building the practice, developing new methods, and sharing their knowledge through publications.

- There's so much to learn and so many opportunities to share your knowledge!

- Sat 01-28-2023 Mark your calendars! Please plan to join us!
  - INCOSE-LA Meet and Greet in the Lounge Area
  - Torrance Marriott Redondo Beach on 01-28-23.
    - Watch this space for further details!

Welcome New INCOSE-LA Members!

#	Last	First	Company	Join Date
1	Barchichat	Emile	ManTech International	10/14/2022
2	Beauchamp	Frances		10/23/2022
3	Estrada	Michael	Epirus	10/13/2022
4	Herbert	Eric	Aerospace Corporation	10/31/2022
5	Hohng	John	Naval Postgraduate School	10/18/2022
6	Inkeles	Andrew	ManTech International	10/10/2022
7	Mueller	Graham	USAF Defense Acquisition Univ.	10/29/2022
8	Orner	Brandon		10/18/2022
9	Pelayo Razo	Gamaliel	Embry Riddle Aeronautical Univ.	10/20/2022
10	Wall	Pernell		10/23/2022
11	Wendling	Michael		10/23/2022

INCOSE-LA - 449 members worldwide

- Recognized as Gold Circle Award Chapter for reaching highest goals and standards
- Quarterly Tutorials, monthly Speaker Mtgs
- Yearly SEP Knowledge Study Cohorts

Join the *November* New Member Welcome Center Café

Learn about the unique annual event we call the INCOSE International Workshop

Choose from any of the sessions this month:

- **Register** Nov 17, 2022, 04:30-05:30 PM London Time
- **Register** Nov 28, 2022, 03:30-04:30PM Pacific Time (US and Canada)
- **Register** Nov 30, 2022, 09:00-10:00 AM Mumbai, Kolkata, New Delhi Time

Ground System Architectures Workshop (GSAW) 2023

For more info: http://gsaw.aero.org; GSAW Committee, Aerospace Corp., 310-336-0454, gsaw@aero.org

Dates:

- February 22 – 23, 2023 : Tutorials, Virtual sessions only;
- February 27 – March 2, 2023 : General session, Hybrid (In-person and virtual) at The Aerospace Corporation, El Segundo, CA
- **Classified Session:** Will be held in-person on March 2, 2023, at The Aerospace Corporation El Segundo, California. All attendees must possess a TS/SCI clearance and be a U.S. Citizen.

DEADLINES:
- Abstracts/proposals due: Oct. 24, 2022
- Notification of acceptance: Nov. 28, 2022
- Accepted presentations due: Jan. 23, 2023

The 27th annual Ground System Architectures Workshop (GSAW) provides a forum for the world's space-related ground system experts to collaborate with their peer ground system users, developers, and researchers through tutorials, presentations, working groups, panel discussions, and technical exhibits. GSAW 2023 welcomes attendees and presenters for the Tutorials, General Session including Working Groups, Plenary Presentations, and Technical Exhibits.

2023 theme, "Stronger Together: Improving Interoperability for Users and Operators," invites you to share your ideas, emerging technologies, and roadmaps for the future. Current focus is on leveraging interoperability for enterprise capabilities and data beyond individual programs to Consumers and Operators and improving their User Experiences.

 An outcome of the working model of the past two years is a renewed emphasis on remote and hybrid operating models to support both operations resiliency and workforce needs. We look to the ground systems community to share their insights, perspectives, and approaches on interoperable architectures and innovations, and especially in areas that could assist, engage, or improve operations and users.

Opportunity	Location	Duration
Tutorial	Virtual	Instruct a 2.5-hour session
Plenary Presentation	•General Session: Hybrid (In-person+virtual) •Classified Session: In person	Present a 15-minute talk describing your work progress, or case studies. Award for Best Presentation
Working Group	Hybrid (In-person + virtual)	Lead a 2.5-hour collaborative session
Poster	In-Person	Present a 30" x 40" poster on display during lunches and evening event
Poster	On-Demand	Submit digital file for On-Demand viewing
Tech Exhibit	In-Person	Table to demonstrate products and capabilities during a 2.5-hour evening event
Technical Demo	On-Demand	Demonstrate products and capabilities by submitting a pre-recorded video - available to registrants On-Demand.

New! INCOSE's Professional Development Portal

Check out INCOSE's new **Professional Development Portal**

- Enhance your Systems Engineering knowledge and skills
- Conduct competency self-assessment based on INCOSE's Sys Eng Competency Framework
- Search Content Catalog of 700 learning resources - INCOSE technical products, mini-courses
- Develop a custom Professional Development Plan online

Competency Self-Assessment

Professional Competencies

Behavioral competencies well-established within the Human Resources (HR) domain. To facilitate alignment with existing HR frameworks, where practicable, competency definitions have been taken from well-established, internationally-recognized definitions rather than partial or complete re-invention by INCOSE.
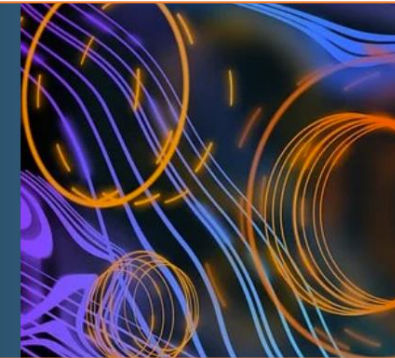
Self-Assess

Technical Competencies

The ability to perform tasks associated primarily with the suite of Technical Processes identified in the INCOSE SE Handbook.

Self-Assess

Core Competencies

Core competencies underpin engineering as well as systems engineering.

Self-Assess

Management Competencies

The ability to perform tasks associated with controlling and managing Systems Engineering activities. This includes tasks associated with the Management Processes identified in the INCOSE SE Handbook, as well as systems engineering.
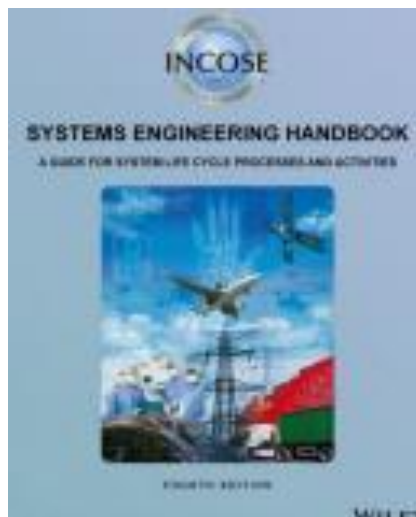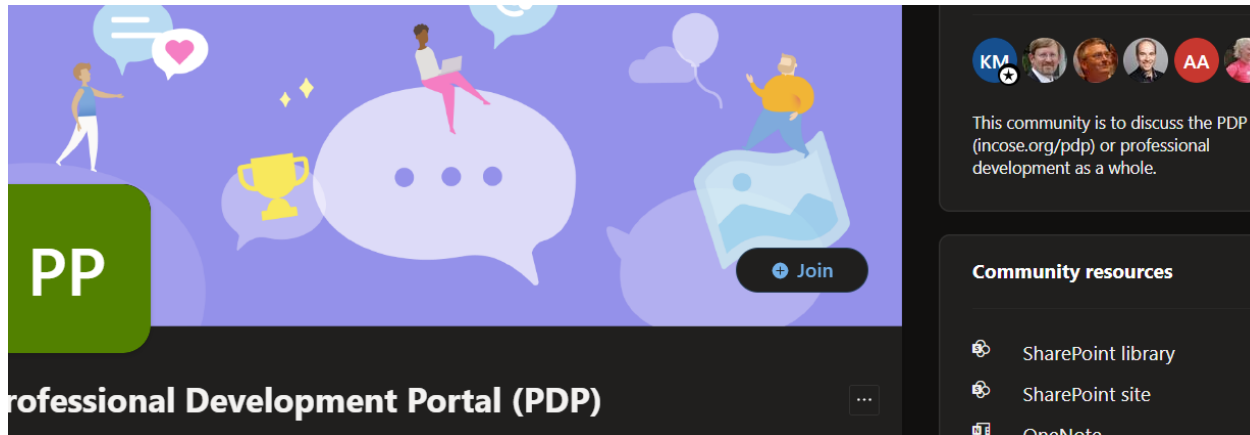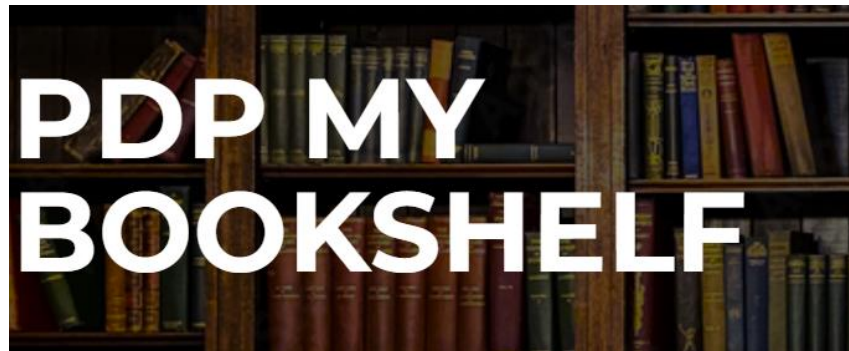
Self-Assess

Guide to Writing Requirements — DEFINITION

Systems Engineering Leading Indicators Guide, version 2.0. INCOSE-TP-2005-001-03.

SYSTEMS ENGINEERING HANDBOOK — A GUIDE FOR SYSTEM LIFE CYCLE PROCESSES AND ACTIVITIES — INCOSE — WILEY

SEARCH THE CONTENT CATALOG

Creating Systems that work

Join INCOSE online [Yammer Community](#) and stay up to date

Do I have to login to the INCOSE website to access the PDP's My Bookshelf capability? – ANSWER: Yes, only INCOSE Members that are logged into the incose.org website will be able to store and review learning resource results cards in their My Bookshelf.

Where are the items on the PDP User's My Bookshelf stored? – ANSWER: All the information from the user's My Bookshelf is stored in the individual member's user profile in the INCOSE Member's database. The My Bookshelf capability is not available to non-members.

Tonight's Speaker Meeting:
Comparing new LHSE Process with former Quality Initiatives: Lean, Six Sigma, TQM

Presenter: Bohdan "Bo" W. Oppenheim

- Professor Emeritus and Director (Ret.)
- Healthcare Sys. Eng. Graduate program
- Loyola Marymount University

Lean Healthcare Systems Engineering

- Traditional healthcare projects not successful; formal requirements were not defined
- New process adopted for design projects in clinical environments, including hospitals, operating suites, emergency departments
- Uses rigorous requirements, validation and verification methods
- Uses formal risk and opportunity analysis and mitigations
- Particularly effective in eliminating the notorious fragmentation in healthcare systems

INCOSE Biomedical Working Group

INCOSE
International Council on Systems Engineering