



Speaker Meeting

November 12, 2019

**International Council on Systems Engineering (INCOSE)
Los Angeles Chapter**

Agenda



Time	Topic
5:30 pm	Networking
6:00 pm	Announcements
6:20 pm	Systems Engineering Professional Certification Overview
6:30 pm	"Human Systems Engineering" John O. Clark, CSEP
7:30 pm	Adjourn

Welcome!

Thanks for registering in advance

Networking



- Briefly introduce yourself (e.g., name, title, company)
- Announcement of job openings
 - *Open to anyone!*

Meeting Site Coordinators



Remote Site	Coordinator	Contact
Aerospace Corp. (El Segundo)	Deborah Cannon	deborah.a.cannon@aero.org
Antelope Valley (Palmdale)	Dr. J. S. Shelley	J.Shelley@csulb.edu
California State University, Dominguez Hills	Dr. Antonia Boadi	aboadi@csudh.edu
Ricardo Defense (Goleta)	Paul Stowell	paul.stowell@control-pt.com
Northrop Grumman Corp. (Redondo Beach – <i>Employees Only</i>)	Deanna Regalbuto	deanna.regalbuto@ngc.com
Parker CSD (Irvine – <i>Employees Only</i>)	Luke Blair	Luke.blair@parker.com
Virtual Attendees	Deborah Cannon	deborah.a.cannon@aero.org

What You May Have Missed...



INCOSE at SWE '19

INCOSE LA supported the INCOSE Exhibitor's booth at SWE



AT WE19

WE LIVE>WE LEARN>WE LEAD

NOVEMBER 7-9
ANAHEIM CA

Announcements – Upcoming Chapter Events



- Chapter Events (www.incose-la.org)
 - Chapter election ballots for 2020 are coming soon...please vote!
 - Last SPM of the Year – Q4 Strategic Planning Meeting, Nov 23, Manhattan Beach, CA
 - INCOSE LA Chapter Year-end Membership Gala
 - “***Celebrate a Great Year: Special Thanks to Volunteers***”
 - **Saturday, Dec. 7, 2019** at the **Renaissance Hotel**, 111 East Ocean Blvd., Long Beach, CA 90802
 - Reception at **5:30 pm**, Dinner at **7:00pm**
 - **Tickets:** \$30 for members, \$10 for member guests, \$40 for non-members
 - **Keynote:** Marilee Wheaton, INCOSE President Elect
 - **Registration open ‘til Tues, Dec. 3 at 5 pm**

Announcements – Chapter Conferences



18th Annual Conference on Systems Engineering Research

Recent Trends and Advances in Model-based Systems Engineering
March 19-21, 2020

Important Dates

11/01/2019

Full Papers Due

12/15/2019

Notification of Acceptance

02/01/2020

Final Papers Due

03/19/2020

Tutorials and SEANET Graduate Students'
Forum



<http://cser2020.org>

Volunteer Opportunities



- Remote site coordinator
 - Coordinates communication with remote sites for speaker meetings
- Networking coordinator
 - Plan networking events
 - Propose new methods to improve Chapter networking
- Membership records management support
 - Support the Membership Director in collecting attendance records and membership matters
- Conference committee members (CESR)
 - Management
 - Technical

Systems Engineering Professional Certification



- A multi-level Professional Systems Engineering Professional Certification Program to provide a formal method for recognizing the knowledge and experience of systems engineers



If you have just started practicing – or want to start practicing – systems engineering, then ASEP is for you. This certification is for people at the beginning of their career as a systems engineer. The ASEP has “book knowledge” but not yet significant experience as a systems engineer.

knowledge



If you are a practicing Systems Engineer with more than five years of systems engineering professional work experience, then CSEP is for you.

***knowledge +
5 years experience***



If you are a systems engineering leader with recognized systems accomplishments and have many years of systems engineering professional work experience, then ESEP is for you.

***knowledge +
20 years experience +
technical leadership***

Benefits to SEP Certification



Individuals

- Recognition
 - Designation on business card, resume, signature, etc.
- Performance objective

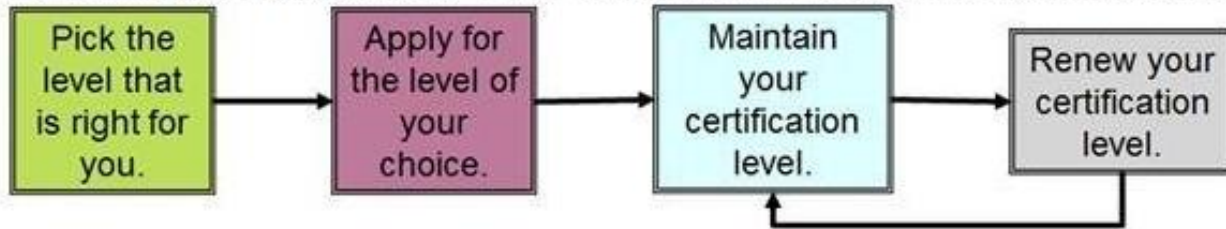
Organizations

- Performance expectation
- Career ladder alignment
- Job advertisement
- Proposal discriminator
- Supplier qualification

The Certification Process



The following flow chart depicts the 4 major decisions you will need to make regarding certification.



- ASEP
- CSEP
- ESEP
- Extension

- Application Form
- Reference Forms
- Fee
- Education
- Experience
- Exam/Oral Review

- Maintain individual, senior, or student INCOSE Membership if ASEP or ESEP *
- Ongoing Professional Development

- Renewal Form
- PDU Log
- Fee
- 5 yr cycle for ASEP
- 3 yr cycle for CSEP
- Not required for ESEP

* Also maintain individual, senior, or student INCOSE membership if CSEP applied for in 2016 or later.

Current Certification Levels



1074
ASEP



2098
CSEP



317
ESEP

How many amongst us have a certification?

For more information, see:

<https://www.incose.org/systems-engineering-certification/certification>



Human Systems Engineering

John O. Clark