



## INCOSE Handbook Tutorial with SEP Certification Prep

### May 12-13—Registration is Open Now

Mary Compton, Sandia National Labs

Are you interested in learning or reviewing SE from the INCOSE SE Handbook V4.0 and ISO/IEC/IEEE 15288:2015 perspective? Are you thinking about taking the INCOSE SE Professional (SEP) exam, and achieving INCOSE Associate SEP (ASEP), Certified SEP (CSEP), or Expert SEP (ESEP) Certification?

If the answer to either question is yes, there will be a 2-day in-depth tutorial on May 12 and 13, 2016, in Albuquerque.

White Sands Missile Range will have a 1-day version 2 days before the Albuquerque tutorial. It is not likely that this 1-day version will be open to outsiders, but in collaboration with the Chapter with back-to-back dates, the cost to each of us has been reduced.

The Albuquerque tutorial will provide a brief overview of the INCOSE SEP process and a detailed summary of each chapter of the INCOSE SE Handbook V4.0, followed by a SEP exam exercise.

This tutorial will help you understand

the SEP levels, requirements, and application process, and learn or review SE from the INCOSE SE Handbook V4.0 and ISO/IEC/IEEE 15288:2015 perspective. It is aimed at engineers of all disciplines, managers, and leaders and decision makers.

Course materials include the tutorial slides (including PowerPoint Notes), example exam questions, exam tips, help to fill-out your certification application, reference to audio & video recordings for later downloading, and a certificate of completion.

Leading this tutorial will be John Clark, a retired Chief Engineer and Corporate Systems Engineering (SE) Instructor at Northrop Grumman Corporation (NGC) with several years of experience applying SE and Software Engineering. He is an internationally recognized speaker and Subject Matter Expert in SE, an SE tutorials instructor in major SE symposia and webinars, and a founder and member of several NGC and INCOSE Working Groups (WGs).



The 2-day tutorial will be held Thursday-Friday, 12-13 May 2016, from 8:00 a.m. to 5:00 p.m. in Room 137 at the [Workforce Training Center](#), 5600 Eagle Rock Ave. Albuquerque, NM.

Registration will be 7:30 – 8:00 a.m. on 12 May. The tutorial cost: \$400 for INCOSE members, \$500 for non-members, and free for students, includes tutorial notes, lunch and snacks.

For more information or to register please visit Tutorials under the Library tab at [www.incose.org/enchantment](http://www.incose.org/enchantment).

Direct questions to Ann Hodges at [alhodge@sandia.gov](mailto:alhodge@sandia.gov) or Mary Compton at [mlcompt@sandia.gov](mailto:mlcompt@sandia.gov).

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## Not For Women Only

Heidi Hahn, Los Alamos National Lab

*A periodic column that will feature news about INCOSE's Empowering Women as Leaders in Systems Engineering (EWLSE) initiatives and other tidbits relevant to women's participation in STEM.*

EWLSE kicked off at the International Symposium (IS) 2015 and also held meetings at the International Workshop (IW) 2016, with participation of women and men, working at different levels and different areas of systems engineering, serving as advocates for women as leaders in systems engineering.

EWLSE has an eight-person Leadership Team, which includes two Enchantment Chapter Board of Directors members. Regina Griego leads the Highlighting INCOSE Leadership thrust area and I lead the INCOSE In-reach area, which looks at collaborations at the chapter, regional, and sector levels within INCOSE.

Regina is organizing a Leadership Workshop to be held at IS 2016 in Edinburgh – Sunday, July 17, 1:00 - 5:15. Con-

tact Regina at [grieger@sandia.gov](mailto:grieger@sandia.gov) for more information.

EWLSE has also just launched a Mentor/Mentee Initiative, which will partner early career female systems engineers seeking advice for navigating the systems engineering field with a more senior systems engineer of the same gender. EWLSE is looking for both mentors and mentees; participants must be INCOSE EWLSE members. Please send your mentor or mentee request to [ewlse@incose.org](mailto:ewlse@incose.org) to get started, or look for additional information in the INCOSE 2016 Q1 Newsletter.

Both male and female INCOSE members are eligible to join EWLSE through [incose.org](http://incose.org). Here's how:

- Log in (Member Login)
- Select Profile Home
- Scroll to My Committees/Working Groups
- Select Browse/Join a Working Group
- Scroll to "Empowering Women" and select <view>
- Scroll to bottom of member list and select "Join this Committee"

It's that easy! Once you join, you can go to

the ELWSE website on INCOSE Connect under the Programs and Projects tab.

A public website that will be accessible to non-INCOSE members is coming soon.

**This Newsletter's tidbit:** Reshma Saujani, founder of the nonprofit, Girls Who Code, initiates young women into the tech world. She says "We're raising our girls to be perfect, and we're raising our boys to be brave."

Saujani cites a report that found that men will apply for a job if they meet only 60 percent of the qualifications, but that women will apply only if they meet 100 percent of the qualifications. 100 percent! This study is usually invoked as evidence that women need a little more confidence. But Saujani thinks that it's evidence that women have been socialized to aspire to perfection, and that they're overly cautious. She asserts that this needs to change, and that girls need to be taught to be brave, not perfect. [Watch](#) Saujani's TED talk – Reshma Saujani: teach girls bravery, not perfection. [www.ted.com/talks/reshma\\_saujani\\_teach\\_girls\\_bravery\\_not\\_perfection](http://www.ted.com/talks/reshma_saujani_teach_girls_bravery_not_perfection)

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