

# D.0. Society Activities

## D.0. Society Activities

Lead:

Domains:

Submissions Summary:

### 1. **International Test & Evaluation Association - Information Session**

#### [Panels and Workshops](#)

*Tim Grabert 1 2, Malcolm Tutty 3 4, Robert (Bill) Bunton 4, Peter Nikoloff 1 4, Nova Systems, Southbank, VIC, Australia, ITEA, Melbourne, RAAF, Canberra, ITEA, Canberra*

### 2. **Everything you always wanted to know about Standards but where too afraid to ask**

#### [Paperless Presentations](#)

*Thomas Manley 1 2, Ray Hentzschel 3, Decision Analysis Services (DAS) Australia, Fed Gov Lead / Systems Engineering Advisor, Canberra, ACT, Australia, SESA, Technical Director, Canberra, ACT, Australia, Nova Systems, Technical Authority, Canberra, ACT, Australia*

### 3. **INCOSE's New Digital Engineering Primer**

#### [Paperless Presentations](#)

*Thomas Manley 1 2 3, INCOSE DEIX Working Group, Member, Canberra, ACT, Australia, SESA, Technical Director, Canberra, ACT, Australia, Decision Analysis Services (DAS) Australia, Fed Gov Lead / Systems Engineering Advisor, Canberra, ACT, Australia*

## 21172 International Test & Evaluation Association - Information Session

### Authors

*Tim Grabert 1 2, Malcolm Tutty 3 4, Robert (Bill) Bunton 4, Peter Nikoloff 1 4, Nova Systems, Southbank, VIC, Australia, ITEA, Melbourne, RAAF, Canberra, ITEA, Canberra*

### Provided Keywords

*ITEA Southern Cross Chapter Information Session*

### Natural Language Keywords

*association, evaluation, information, international, itea, professional, professionals, role, session, test*

### Presentation format decision

*Workshop (90 minutes)*

### Stream submitted

*D. Other*

### Stream proposed

*D.O. Society Activities*

## Abstract

The committee of the Southern Cross Chapter of the International Test & Evaluation Association (ITEA) will provide an information session aimed at professionals who may be interested in learning about the benefits of joining this international association for T&E professionals.

The agenda will include information on:

- (1) Pathway to obtaining the Certified Test & Evaluation Professional (CTEP) credential for Australian professionals.
- (2) The role the association plays for the international T&E community.
- (3) Professional development, training and education opportunities offered by ITEA.
- (4) Major international events and symposiums organised by ITEA.

# 21288 Everything you always wanted to know about Standards but where too afraid to ask

## Authors

*Thomas Manley 1 2, Ray Hentzschel 3, Decision Analysis Services (DAS) Australia, Fed Gov Lead / Systems Engineering Advisor, Canberra, ACT, Australia, SESA, Technical Director, Canberra, ACT, Australia, Nova Systems, Technical Authority, Canberra, ACT, Australia*

## Provided Keywords

*15288, ISO, Standards Australia, Standards Development*

## Natural Language Keywords

*15288, engineering, explosion, iso, processes, recent, recently, related, se, standards*

## Presentation format decision

*Paperless - Presentation or Poster*

## Stream submitted

*D. Other*

## Stream proposed

*D.0. Society Activities*

## Abstract

Systems Engineering standards largely began with MIL-STD-622 in 1969, evolving eventually into both IEEE 1220 Application and management of the SE process (1999) and EIA-632 Processes for Engineering a System (1999). In 2002, ISO/IEC 15288 System Life Cycle Processes effectively became the new defacto SE standard, with the backing of the relatively recently formed INCOSE.

15288 has continued to evolve through substantial updates and revisions in 2008, 2015 and most recently, 2023, however, what is less well appreciated is just how much of an explosion in SE-related standards have emerged over the recent years. So much so that 15288 has become the 'One Ring To Rule Them All', with harmonisation of standards.

This presentation will:

explore Standards Australia and International Organization for Standardization's (ISO) role in developing standards;

provide insight into the evolution of SE standards through time; and

highlight some of the recent developments of SE-related standards (including the explosion in harmonised standards that should be of interest to systems engineers).

# 21290 INCOSE's New Digital Engineering Primer

## Authors

*Thomas Manley 1 2 3, INCOSE DEIX Working Group, Member, Canberra, ACT, Australia, SESA, Technical Director, Canberra, ACT, Australia, Decision Analysis Services (DAS) Australia, Fed Gov Lead / Systems Engineering Advisor, Canberra, ACT, Australia*

## Provided Keywords

*Digital Engineering, Primer, INCOSE, NDIA, OUSD*

## Natural Language Keywords

*defence, deix, digital, engineering, incose, new, primer, published, wg, working*

## Presentation format decision

*Paperless - Presentation or Poster*

## Stream submitted

*C.8. Technical Leadership in a Digital Future*

## Stream proposed

*D.0. Society Activities*

## Abstract

The INCOSE Digital Engineering and Information Exchange (DEIX) working group is a tri-partite enterprise between INCOSE, Office of the Under Secretary of Defense (OUSD) and the National Defense Industrial Organization (NDIA). The DEIX WG are working on several artefacts, including, a DE Primer. This primer will be presented.

NOTE: this is a placeholder for a potential presentation of the DE Primer, should it be published prior to SETE. In the event it proceeds, it will be of high relevance to Defence who are working on implementation of the new Defence Digital Engineering Strategy (to be published imminently). Also pending approval from the DEIX WG.