

34th ISSC Best Tutorial Selection

All of the tutorials at the 34th ISSC were found to be of excellent quality and were highly praised by many attendees. All tutorial presenters should recognize the great benefit they provided to new and experienced system safety engineers, to the society, and to the profession, for which we are most grateful.

The “best” tutorial of the conference was selected by conducting a survey of the attendees at each tutorial. This required collecting and collating over 400 survey forms, adding the numbers on each form, and averaging the results for each tutorial. To determine a “best” tutorial from among the very close survey results, the available tutorial slides were reviewed, and significant weight was given to the benefit offered to new system safety engineers, since that was the theme of the conference and very much the goal of many tutorials. Comments, opinions, and anecdotal information were gathered to gauge the benefit to new system safety engineers. Through this process, the selected tutorial was found to exhibit the following qualities:

- 1) Highly beneficial to new system safety engineers
- 2) Emphasized the process of determining effective requirements
- 3) Held the interest of the attendee (kept the audience engaged)
- 4) High quality presentation
- 5) Ease of comprehension
- 6) Described approaches other than the typical military and commercial aerospace requirements and applications, yet demonstrated similar processes

The 34th ISSC Best Tutorial is:

New Engineer Focus – System Safety Process Applied to High Voltage Automotive Propulsion System.

Instructors: Mark Vernacchia and Galen Ressler