

**Correcting Misperceptions of Systems Engineering Practices, Ronald Carson**  
**Friday, Sept. 13, one-half day, afternoon**

This tutorial addresses common misperceptions of systems engineering, explains from where these misperceptions arise, demonstrates through exercises the problems that can arise, and provides solutions to correct these misperceptions of systems engineering concepts, methods, and practices. Examples of common questions and misperceptions include: Should requirements come first before functions? Should decomposition be done independently of the solution architecture? Should high-level requirements be different from other requirements? Attendees will be able to identify several common misperceptions regarding SE practices and be able to explain and demonstrate correct SE methods and processes on the selected topics.