

**Topic:** **Measuring Systems Engineering Products and Processes**

**Prerequisites:** Experience, knowledge, or interest in measuring systems engineering products and processes.

**Materials:** Participants should come prepared with:

- Lessons learned in applying Measures of Effectiveness (MOE), Technical Performance Measures (TPM), Measures of Performance (MOP), Measures of Suitability (MOS), and other product and process measures within a systems engineering or product development environment
- Examples of actual MOEs, TPMs, MOPs, MOSs, and other SE product and process measures.

**Discussion:** The focus for this workshop is on the creation of a set of guidelines that can be followed when using the PSM process to identify and apply measures that are specific to SE products and processes. The approach will be to first identify specific practices and techniques that have been proven effective by workshop participants in identifying and applying SE product and process measures. Then the group will map those practices and techniques to the relevant PSM activities, tasks, and steps. Finally, workshop participants will help articulate these practices and techniques as SE-specific guidance statements that may be suitable for inclusion into the next version of PSM.

**Goals:** The workshop will develop

- A set of guidelines that describe practical ways to use PSM to define and apply MOEs, TPMs, MOPs, MOSs, and other measures specific to SE products and processes
- An outline for an SE case study showcasing examples of SE product measures and indicators such as MOEs, TPMs, MOPs, MOSs, and other product measures.