Name: academicCOSYSMO, a simple implementation of COSYSMO

Presenter(s): Jo Ann Lane

Objective: To estimate systems engineering effort/cost in large engineering systems.

Rationale: Systems engineering effort is currently overshadowed by software or hardware effort. No current approaches exist to estimate systems engineering as a stand alone activity.

Target Users: Systems engineers, program managers, cost analysts, acquisition officers, etc.

Scope: Systems engineering as defined by EIA/ANSI 632 standard which encompasses 33 activities. Life cycle as defined by ISO 15288 standard which defines six life cycle phases, four of which are currently estimated by COSYSMO.

Runs On: Microsoft Excel.

IPR Status: COSYSMO copyright owned by USC-CSE. Affiliates free to use, modify, but not restrict other affiliates' use.

Technical Approach: academicCOSYSMO follows the openness principles used in the COCOMO suite. All of its cost estimation relationships and algorithms are be publicly available.

Developers: Ricardo Valerdi

Future Directions: Expansion to the operation & maintenance phase. Additional calibration including new data points.

Website: www.valerdi.com/cosysmo