Practical Software and Systems Measurement

A foundation for objective project management

**PSM Users' Group Conference
Mystic, CT**

July 11-15, 2011

"Emerging Software and Systems Trends – What Are the Impacts on Measurement"

2011 PSM Users' Group Conference

Sponsored by the PSM Support Center
and the International Council on Systems Engineering

Conference Welcome and Introductions

Objectives

- ## *Conference Participants*

  - *User perspectives - share lessons learned*

  - *Discuss guidance for new areas*

  - *Information on related initiatives*

- ## *PSM Project Expectations*

  - *Technical Inputs in development of new guidance*

  - *Interaction with users - experiences using PSM*

Logistics

- *Registration/Logistics in the lobby – see Kelly*
- *If you need to be reached during the meetings, 1-866-449-7390*
- *Turn in evaluation forms and survey before leaving*
  - *In packet*
  - *There will be a drawing for a prize from those turning in the forms*
- *Conference receipts will be sent via email*

Conference Meals

- *Breakfast Daily*

- *Lunch*
  - *Wednesday, Thursday*
  - *Tuesday, Friday - on your own*

- *Dinner - Tuesday, 12 July*
  - *Abbott's – Lobster in the Rough*
    - *6:00pm - Cash Bar*
    - *6:30pm - Dinner*
    - *Afterwards - Awards*
  - *Spouses welcome - $40.00 (see Kelly to register)*

Logistics (cont.)

- ## *After Meeting*
  - *Presentations and Workshop Materials Available from PSM Web Site (www.psmsc.com)*

- ## *PSM Measurement Mafia T-Shirts are available for $18*

- ## *PSM Polo Shirts are available for $25*

Agenda

- **Tuesday, Wednesday, Thursday**
  - **Presentations, 0830 - 1230**
  - **Workshops, 1330 - 1700**

- **Friday**
  - **Presentations, 0830 - 1030**
  - **Workshop Outbriefs, 1030 - 1200**
  - **Conference Wrap-Up, 1200 - 1230**

Workshops

Tuesday, 12 July	Wednesday, 13 July	Thursday, 14 July
#1 - Affordability **Peter McLoone**	**#4 - Software Sustainment Estimation and Measurement** **Jack McGarry, Don Reifer, and Bob Charette**	**#7 - What Does Technical Debt Mean at a System Level** **Bob Epps Garry Roedler**
#2 - COSYSMO Requirements Volatility Workshop **Ricardo Valerdi and Mauricio Peña**	**#5 - Measuring Software Assurance** **Joe Jarzombek Richard Struse**	**#8 - DACS USC Data Repository** **Jo Anne Lane and Tom McGibbon**
#3 - Measuring Software Architecture Design **Alejandro Bianchi**	**#6 - Measurement Analysis Formatting Techniques** **Bill Golaz**	**#9 - Measurement Analysis Procedures** **Bill Golaz**

2010-2011 Completed Activities

- ## Chapters 1 and 2 Update
  - ### To be finalized August 2011

- ## DAU On-Line Course
  - ### 5-hour course, released June 2010
  - ### https://learn.dau.mil),
    - click on "Continuous Learning" on the left menu.
    - select "Browse for Continuous Learning Modules"
    - select CLE060 – Practical Software and Systems Measurement
    - select how to register: "ONLY BROWSE" or "register" (DoD employees)

DAU On-Line Course Statistics

Module	Year	Grads	Surveys	MTM Cum	Courseware	On-Line Delivery	Learning Effectiveness	Job Impact
CLE 060	FY10	134	69	5.70	5.83	5.83	5.35	5.21
CLE 060	FY11	996	963	6.23	6.31	6.47	6.13	5.98

Scale	Range
Red	0 to 5.24
Yellow	5.25 to 5.59
Green	5.60 to 7.00

2011 Activities - Get Involved

- *Participate in workshops - provide inputs and recommendations*

- *PSM TWG meetings - details to be posted on web site following meeting*

  - *Measurement specifications*

- *Review products as available*

- *Case Studies and Papers*

2011 Schedule

- ## *Fall 2011 – Train-the-Trainer Session*
  - *Let Cheryl know if you are interested*

- ## *23 September – 1-Day Training Class*
  - *Sponsored by Lockheed Martin*
  - *Marietta, GA (outside Atlanta)*
  - *7 am – 4 pm*
  - *Contact Bill Golaz if interested*