Practical Software and Systems Measurement

A foundation for objective project management

PSM Users' Group Conference
Golden, Colorado

July 23-27, 2007

Practical Software and Systems Measurement

Defining the Future of Measurement Practice

Practical Software and Systems Measurement

2007 PSM Users' Group Conference

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

PSM

INCOSE
INTERNATIONAL COUNCIL ON SYSTEMS ENGINEERING

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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 Jeannie**

- **If you need to be reached during the meetings, 1-303-279-9100**

- **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 Meals

- *Breakfast Daily – Foyer D or F*

- *Lunch*
  - *Tuesday, Thursday - Flagship room (provided)*
  - *Wednesday, Friday - on your own*

- *Dinner - Wednesday, 25 July*
  - *Barbeque at hotel - Keystone/Telluride rooms*
  - *7:00pm - Cash Bar*
  - *7:30pm - Dinner*
  - *8:15pm - Awards*
  - *Spouses welcome (see Jeannie for cost info)*

Logistics (cont.)

- *PSM Polo Shirts are available*
  - *Extra 2007 shirts on sale for $30.00*
  - *PSM Polo Shirts from previous years, are on sale for $20.00, while they last*
- *PSM Measurement Mafia T-Shirts are available for $18*
- *After Meeting*
  - *Presentations and Workshop Materials Available from PSM Web Site (www.psmsc.com)*

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Agenda

- **Tuesday**
  - **Presentations, 0830 - 1700**

- **Wednesday**
  - **Workshop, 0830 - 1200**
  - **Workshops, 1330 - 1700**

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

- **Friday**
  - **Presentations, 0830 - 0950**
  - **Workshop Outbriefs, 1015 - 1200**

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Workshops

- *Defining the Future of Measurement Practice*
- *Systems and Software Engineering Estimation: Where Are We and Where Do We Need to Go*
- *SE Leading Indicators*
- *The Breakout Year for COSYSMO*
- *A Framework for Software Early Warning Indicators*
- *Acquisition Measurement*
- *Where to go from here? Enabling Success for the Start-Up Measurement Program*
- *Measuring Outcomes*
- *RUP for PSM Plug-In Update (with emphasis on SE Leading Indicators)*

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Accomplishments This Year

- **Systems Engineering Leading Indicators**
  - **New Technology Paper Completed**
  - **LAI, INCOSE, PSM, and SEARI collaboration**
  - **Version 1.0, released 15 June 2007**

- **Acquisition Measurement**
  - **Version 1.0 scheduled for September 2007**
  - **Includes Guidance, ICM Table, and Acquisition WBS**

2007 Activities - Get Involved

- *Participate in workshops - provide inputs and recommendations*

- *Defining the Future of Measurement - provide inputs and recommendations, participate in Fall workshop*

- *Review products as available*
  - *Acquisition Measurement*

- *Additional examples to support guidance - Measurement Specifications*

- *Case Studies and Papers*

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2007 Schedule - Public Courses

- **PSM Training**
  - *Fall 2007*

- **PSM Insight Training**
  - *Fall 2007*

- **PSM Train-the-Trainer Course**
  - *5-7 September 2007 - Cherry Hill, New Jersey*

- **Technical Working Group Meetings**
  - *Fall Workshop – Oct/Nov 2007, Picatinny, NJ*
  - *PSM TWG - Feb/Mar 2008, Herndon, VA*
  - *Users' Group Meeting - July 2008, Colorado*