

Practical Software and Systems Measurement

A foundation for objective project management



***PSM Technical Working
Group Meeting
Herndon, VA***

March 23-25, 2005

Logistics

- ***Meals***
 - ***Continental Breakfast Daily***
 - ***Lunch - SSCI Cafeteria (on your own)***
- ***Wednesday - Presentations - Conference Center - 0830 - 1645***
- ***Thursday - Workshops - SSCI meeting rooms - 0830 - 1700***
- ***Friday - Workshop Wrap-Ups (workshop facilitators) - SSCI meeting rooms - 0830 - 1200***

Logistics (cont.)

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

Workshops

- **Acquisition Measurement**
- **Safety and Security Measurement**
- **Leading Indicators for System Engineering Effectiveness**

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Accomplishments This Year

- ***New Technology Papers in Development***
 - ***Acquisition Measurement (draft)***
 - *Draft on web site*
 - *Acquisition WBS*
 - *ICM Table*
 - ***Measurement of Safety and Security (draft)***
 - *PSM/UK/Australia collaboration*
 - *2 papers*
 - ***Systems Engineering Technical Measures***
 - *PSM/INCOSE/Industry collaboration*
 - *Draft 2 on web site*
 - ***Process Improvement Measurement***
 - *Draft on web site – due 15 April*
- ***Papers will be Finalized in Coming Months***
 - ***Your comment are welcome - due 15 April / 15 May***

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FY05 Activities - Get Involved

- ***Additional Examples to Support Guidance***
 - ***Measurement Specifications***
- ***Experience Reports***
- ***Case Studies and Papers***

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FY04 Schedule - Public Courses

- ***PSM Train-the-Trainer Course***
 - *April 13-15, 2005 - New Jersey*
- ***Technical Working Group Meetings***
 - *Users' Group Meeting - July 18-22, 2005, Keystone, Colorado*

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PSM Users' Group Conference

- ***18-22 July 2004***
- ***Keystone, Colorado***
- ***Presentations, Workshops, and Training***
- ***Preliminary Agenda Available on the PSM web site***
- ***Now Accepting Proposals - Abstracts due 15 April (forms available on the web site)***

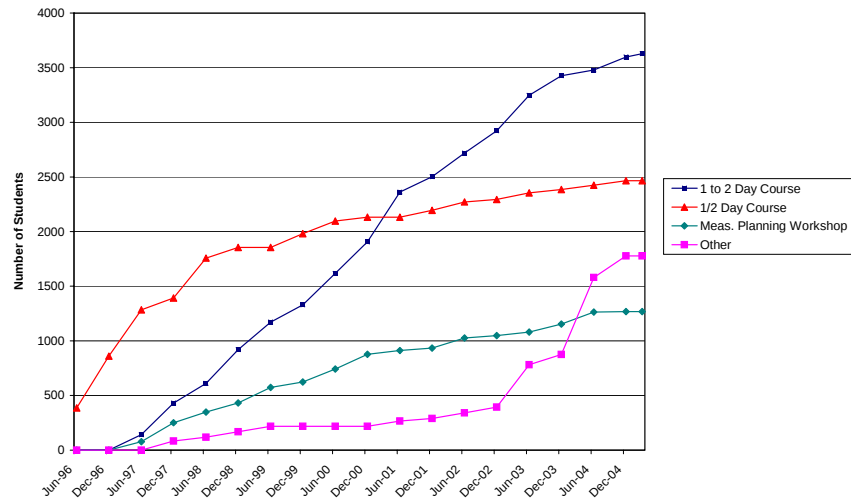
www.psmc.com

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PSM Performance Management March 2005

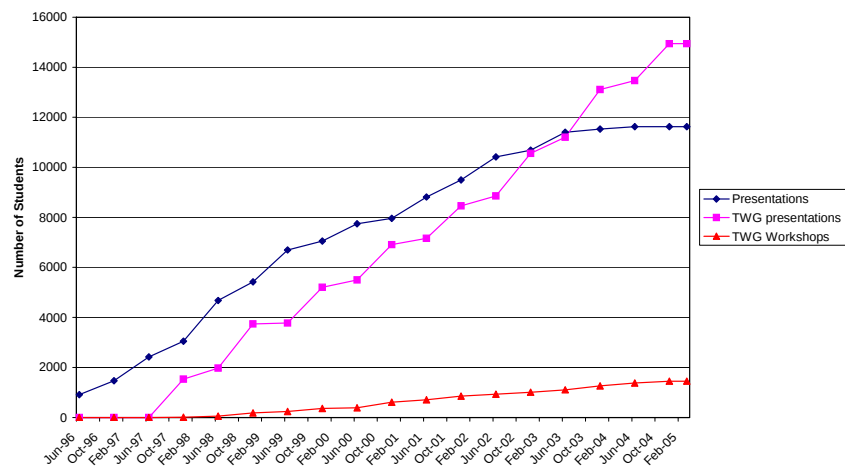


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PSM Performance Management March 2005

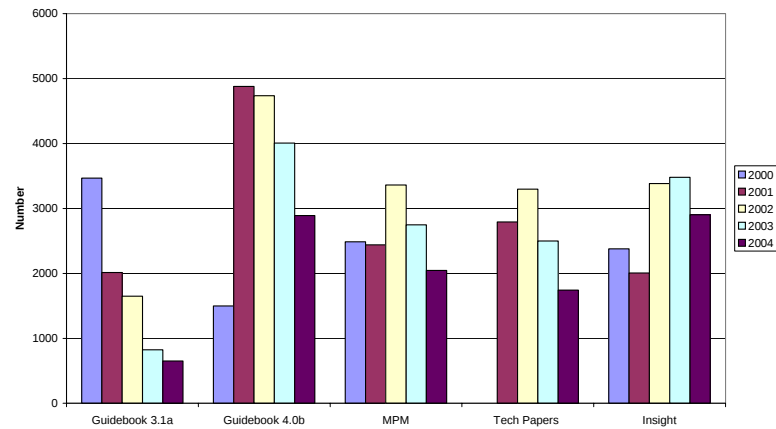


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**PSM Download Stats
March 2005**



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PSM Participating Organizations

DoD and Government

- | | | |
|-------------------------|--|----------------------------------|
| • US Air Force AFMC | • US Navy NAVSEA | • DAU-DSMC |
| • US Air Force SSSG | • US Navy NAWC | • DCMA |
| • US Air Force STRATCOM | • US Navy NRL | • DFAS |
| • US Air Force STSC | • US Navy NSWC | • DISA |
| • US Army AMC | • US Navy NUWC | • DLA |
| • US Army CECOM | • US Navy OPTEVFOR | • FAA |
| • US Army RDECOM-ARDEC | • OSD NII | • IDA |
| • US Army SAALT | • OSD PA&E | • MITRE Corp. |
| • US Army SMDC | • ODUSD (S&T) | • NASA |
| • USMC MCTSSA | • Aerospace Corp. | • Sandia National Lab |
| • US Navy AEDC | • Central Intelligence Agency | • Soc. Sec. Admin. |
| • US Navy ASN RDA | • Dept of Homeland Security, Customs & Border Protection | • Software Engineering Institute |
| • US Navy FMSO | | |
| • US Navy NAVAIR | | |

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PSM Participating Organizations

Industry

- ACS GSG
- Accenture, Quality and PI
- Alion Science and Technology
- American Sys. Corp.
- Ameritrade Corporation
- Argon Engineering Associates
- Assurance Engineering
- BAE Systems
- Bloodworth Int. Tech.
- Boeing
- Booz Allen Hamilton
- CMIS
- CTA
- Carnegie Mellon Univ.
- Computer Sciences Corp.
- David Consulting Group
- Distributive Software
- Federal Reserve Bank
- First Line Partners
- Frunhofer Ctr. For Experimental Software Engineering
- GTE
- Galorath, Inc.
- General Dynamics
- General Scientific Corporation
- Graeme & Garland
- Hawaiian Electric
- IBM
- IEEE
- IFPUG
- IITRI
- INCOSE
- ITABHI
- Independent Engineering, Inc.
- Jacobs Sverdrup
- James Gregory Assoc.
- Kodak Health Imaging
- L3 Communications
- Lexmark International
- Lockheed Martin
- Nat. Renewable Energy Lab.
- Northrop Grumman
- OAO Corporation
- Pragma Systems Corporation
- PRICE Systems, LLC
- QSM
- Quality Plus Tech.
- Raytheon - Hughes
- Reifer Consultants
- Robbins, GIOIA
- Rockwell Collins
- SAIC
- Sallie Mae
- Sentel
- SETA
- Software Engineering Assoc., Inc.
- Software Management Solutions
- Software Metrics, Inc.
- Systems and Software Consortium, Inc (SSCI)
- Tecolote Research, Inc.
- TeraQuest Metrics
- Texas Guaranteed Student Loan Corporation
- Titan Corporation
- Tivoli
- United Defense
- Univ. Southern CA
- Upsart Systems, LLC
- User Trust Network
- US West
- VPI - State University
- West Virginia High Tech. Consortium
- West Virginia University
- Whittaker Group
- Wind River Systems
- Xcel Energy

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PSM Participating Organizations

International

- Liveware I.S.S.A. (Argentina)
- ADI Limited (Australia)
- Australian Defence Force Academy (Australia)
- BAE Systems (Australia)
- Defence Materiel Org.-Australian DoD (Australia)
- Jacobs Sverdrup Technology (Australia)
- Australia SoC Technology Centre (Australia)
- S-3 Consulting Pty. Ltd (Australia)
- Saab Systems Pty. Ltd. (Australia)
- Software Improvements Pty. Ltd. (Australia)
- Software Quality Institute (Australia)
- Tenix ESD (Australia)
- ti Metrics (Brazil)
- General Dynamics (Canada)
- NRC (Canada)
- Amdocs (Israel)
- Tangram Hi-Tech Solutions (Israel)
- Centro de Investigacion en Matematicas (Mexico)
- Ericsson Espana SA (Spain)
- Defense Science and Technology Labs (UK)
- UK Ministry of Defense (UK)
- University of York/ York Metrics Ltd. (UK)

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Transition Organizations

DoD and Government

- *US Army RDECOM – ARDEC (PSM Support Center)*
- *US Air Force Software Technology Support Center*
- *US Navy NAVAIR*
- *Naval Undersea Warfare Center*
- *Aerospace Corporation*
- *Defense Contract Management Agency*
- *Defense Acquisition University - Defense Systems Management College*
- *Federal Aviation Administration*
- *MITRE Corporation*
- *Software Engineering Institute*

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Transition Organizations

Industry

- *Argon Engineering Associates*
- *Computer Sciences Corporation*
- *David Consulting Group*
- *Distributive Software*
- *INCOSE*
- *Lockheed Martin*
- *Northrop Grumman*
- *Quality Plus Technologies, Inc.*
- *Systems and Software Consortium, Inc (SSCI)*
- *TeraQuest Metrics*
- *Texas Guaranteed Student Loan Center*
- *Titan Corporation*

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