

Practical Software Measurement

Practical Software and Systems Measurement

A foundation for objective project management



***PSM Users' Group
Conference
Vail, Colorado***

July 24-28, 2000



Practical Software Measurement

***Successful Integration of
Measurement Across Disciplines***

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2000 PSM Users' Group Conference

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

***in cooperation with ASQ Software
Division***





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***Conference Welcome
and Introductions***

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Objectives

- ***Conference Participants***
 - ***User perspectives - share lessons learned***
 - ***Discuss guidance for new areas (process improvement, new technologies)***
 - ***Information on related initiatives***
- ***PSM Project Expectations***
 - ***Technical Inputs in development of new guidance***
 - ***Interaction with users - experiences using PSM***

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Logistics

- ***Meals***
 - ***Continental Breakfast Daily***
 - ***Lunch Provided - Tues/Thur***
 - ***Dinner - Tues - Outside - BBQ***
 - ***6:30pm - Cash Bar***
 - ***7:00pm - Dinner***
- ***Registration/Logistics***
 - ***East Passage Alcove***
 - ***Executive Board Room***

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Logistics

- ***Dress - Summer Casual***
- ***Messages***
 - ***970-476-5000 - ask for PSM Conference***
- ***Group Picture***
 - ***Wednesday at 1200 - wear shirts***

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Workshops

- ***Interoperability***
- ***Project Justification Measures (Organizational Measurement)***
- ***COTS Integration Costs***
- ***Tools for Project Management (PSM Insight)***
- ***Object Oriented Measurement***
- ***Process Improvement Readiness Measures***
- ***Measurement Plan Template - Consistent with CMMI and ISO 15939***

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Workshops (Cont.)

- ***Integration of Systems and Software Earned Value Program Management***
- ***Measures for Spiral/Evolutionary Development***
- ***Process Improvement Project Measures***
- ***Systems Engineering Products and Processes***
- ***Contractor Cost Data Reporting (CCDR) System***

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Accomplishments This Year

- ***CMMI M&A Process Area, ISO/IEC 15939, and PSM are Technically Consistent***
- ***Increased International Usage - Inputs***
- ***PSM Integrated With Other Initiatives***
 - ***Tri-Service Assessment Initiative (Architecture)***
 - ***Performance Management Initiatives***
- ***PSM Version 4.0 Drafted - Parts 3 and 5 Released***
- ***Increased Number of PSM Transition Organizations***

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Transition Organizations

- ***PSM Support Center***
- ***Army Software Metrics Office (ASMO)***
- ***Federal Aviation Administration (FAA)***
- ***Naval Undersea Warfare Center (NUWC)***
- ***AFMC CRSIP - STSC Measurement Teams***
- ***DCMA Software Center***
- ***Software Engineering Institute***
- ***Software Productivity Consortium***
- ***Lockheed Martin***
- ***TeraQuest Metrics, Inc.***
- ***MITRE Corporation***
- ***Software Quality Institute (Australia)***

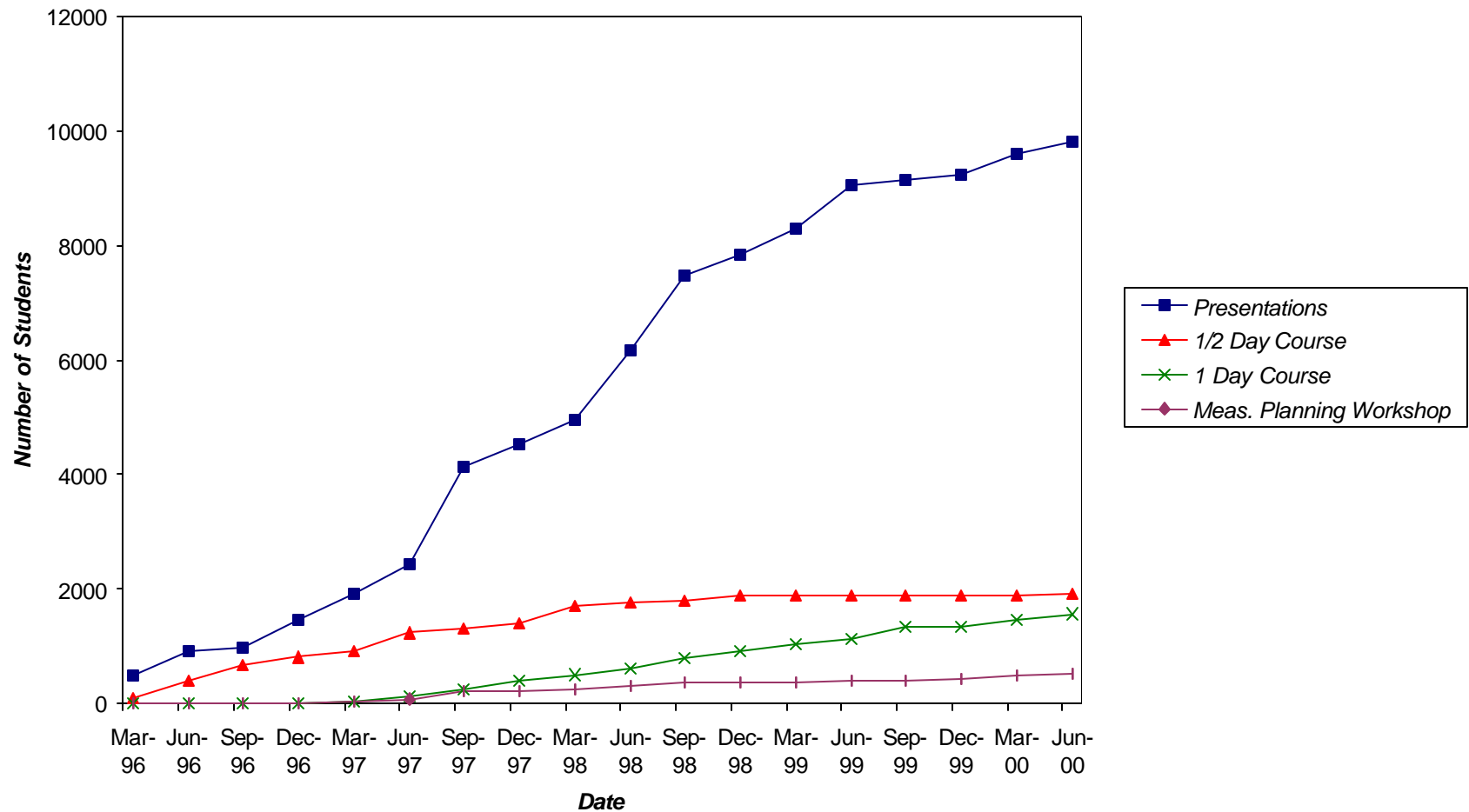
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Transition Organizations - New

- ***Litton/TASC***
- ***TRW, Inc.***
- ***Defense Systems Management College***
- ***Software and Systems Engineering (Israel)***
- ***Liveware I.S.S.A (Argentina)***
- ***Software Improvements Pty Ltd. (Australia)***

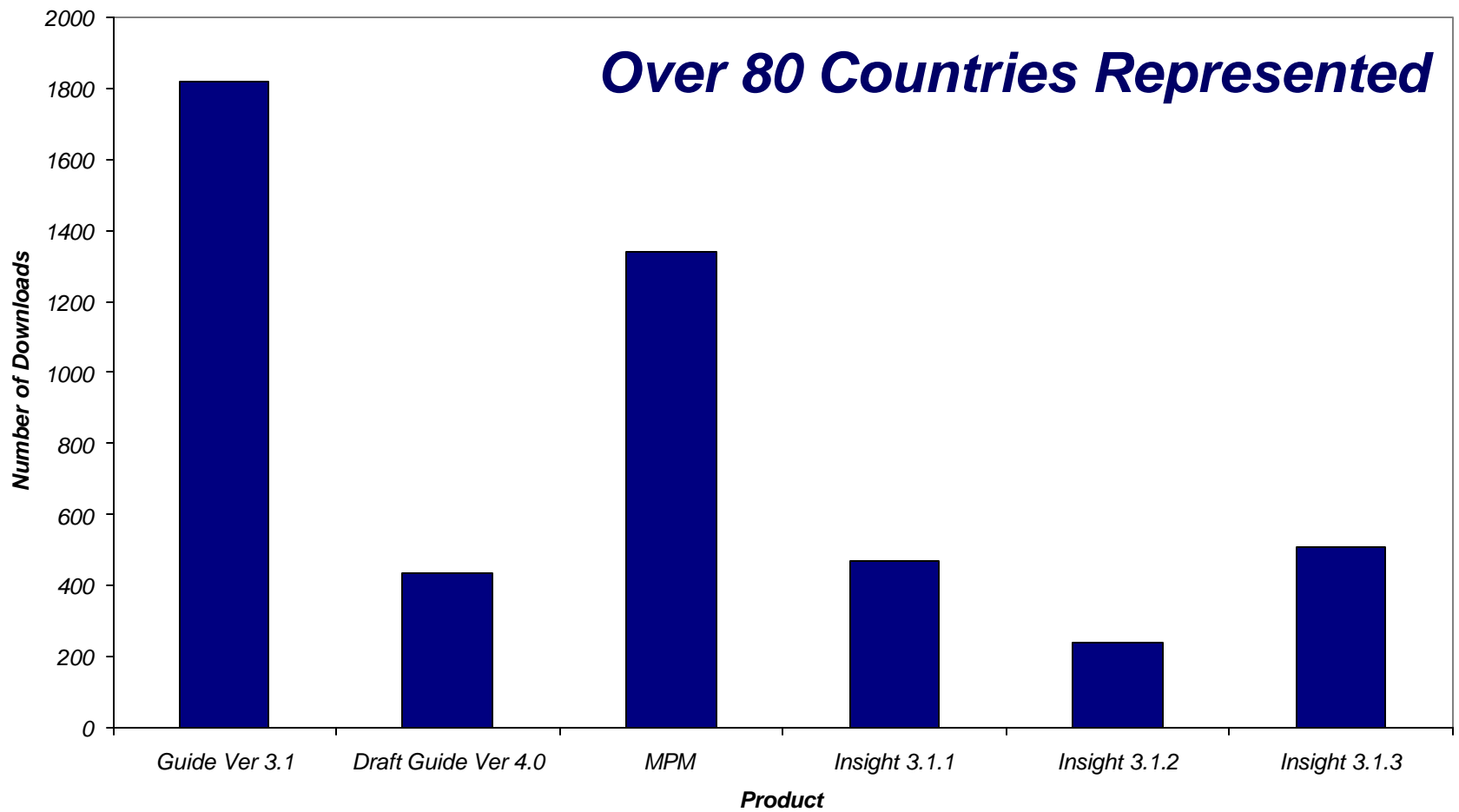
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PSM Performance Management (Cumulative as of Jul 00)



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PSM Web Statistics (Cumulative Through Jul 00)



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FY00/01 Plans

- ***PSM Published***
 - ***Addison Wesley, publisher***
 - ***Release (tentative) - December 2000***