



**International Conference on  
Practical Software Quality and Testing (PSQT 2004)**

**Minneapolis, MN  
October 25-29, 2004**

**Details are posted at  
[www.QualityConferences.com](http://www.QualityConferences.com)**

**Monday October 25, 2004**

**Keynote: Watts Humphrey, Software Engineering Institute, "Security Changes Everything"**

**Feature Presentations:**

- ❑ Dr. Rebecca Staton-Reinstein, *Advantage Leadership* "Requirements -- the Ultimate Reality Show: How to Get 'em, How to Test 'em, How to Make 'em Better"
- ❑ Marnie Hutcheson, *Independent Consultant*, "What Do Agile and Extreme Approaches Mean to the Test Profession"
- ❑ Frode odegard, Ødegård, Labs, Inc., "Lean Software Development: Learning to See Value and Waste"

**Tuesday October 26, 2004**

**Keynote: Dr. Karl Wiegers, Process Impact, "Cosmic Truths about Software Requirements",**

**Feature Presentations:**

- ❑ Ivy Hooks, *Compliance Automation Inc.*, "Why I Want Testers on my Requirement Team"
- ❑ Mary Romero Sweeney, *Independent Consultant*, "Beyond the GUI: What You Need to Know about Database Testing"
- ❑ Robin Goldsmith, *JD, GoPro Management, Inc.* "Testing When Requirements Aren't Defined"

**Track Presentations by Practitioners on Monday & Tuesday**

**Measurements**

- ❑ Practical Metrics Reporting To Earn Management Respect And Address Outsourcing, Bill Hufschmidt, *Development Support Center*
- ❑ Keeping Metrics from Being the Dirtiest Word: Track Things That Matter, Clyneice Chaney, *Spherion Technology*
- ❑ Basic Measurement Implementation, Away with the Crystal Ball, Ton Dekkers, *Sogeti Nederland B.V.*
- ❑ So How Do I Know Your Estimate Is Any Good, Bill Hufschmidt, *Development Support Center*

**Quality Management**

- ❑ How to Justify QA Initiatives to Management, Peggy Fouts, *Aquent*
- ❑ Outsourcing – A Way to Complement or Replace Your QA Staff? Tom Igielski, *The Thomas Consulting Group, Inc.*
- ❑ Project Management 'Atkins' Way, Nidhi Srivastava, *Tata Consultancy Services*
- ❑ Strategic Quality - Planned Empowerment, Jeff Fiebrich, *Motorola*

**Requirement Management**

- ❑ No Requirements Writer is an Island, Erin Nardo, *MENTTIUM Corporation*
- ❑ Role of Human Emotions in Requirements Management, T.S. Radhika, *Robert Bosch India Limited*

## Development

- ❑ Story Test Driven Development, Gunjan Doshi, *Cutter Inc. & Industrial Logic*
- ❑ Abstract Semantic Analysis versus White-box testing, Chris Hote, *PolySpace Technologies*
- ❑ Embedding Security into a Software Development Methodology, Carol Woody, Ph. D., *Software Engineering Institute*

## Testing

- ❑ A Model for Successful System Testing, Jerry Cobry, *IBM Printing Systems Division*
- ❑ Realistic Career Expectations for Software Testers, Scott Will, *IBM Corporation/Tivoli Software*
- ❑ Generating Test Plans Using Full Function Point Analysis & Use Case Scenarios, B. Arun Kumar, Ph.D., *Turing Softwares*
- ❑ System Testing Strategies for Data Migration Software, Subbarao Jagannatha, *Openwave Systems*
- ❑ A Test Process for Command and Control Systems, James J. O'Connor III, Ph.D., *Tybrin Corporation*
- ❑ Diversity Analysis: Measuring the Quality of a Test Suite, Borislav Nikolik, Ph.D., *Vidak Quality*
- ❑ End-to-End Testing of the Tactical TOMAHAWK Weapons System (TTWS) Battlegroup, Brian Cavett, *Naval Surface Warfare Center*
- ❑ Testing for Globalization: Experience from IBM, Jerrold Landau, IBM Toronto Lab

## Test Automation

- ❑ Rapid Track Testing: Automating Acceptance Testing in Extreme Programming, Jagdish Bhandarkar, *Infosys Technologies Ltd.*
- ❑ Building an Automation Team, Richard L. Wagner, *Catalina Marketing Corp.*
- ❑ Teach Your Automation Tool to Be as Smart as You, Bonnie S. Bayly, *Anteon Corp.*
- ❑ Success stories in Test Automation, Russ Shermer, Ph.D., *Software Quality Management*

## Web Testing

- ❑ Load Testing GUI and Middleware Web Applications Requires a Different Approach, Tom Igielski, *The Thomas Consulting Group, Inc.*
- ❑ Evaluating the Usability of Web-based Applications: A Case Study of a Field Study, Sam J. Racine, Ph.D., *Unisys Corporation*

## Load/Performance Testing

- ❑ Successfully Managing Load/Performance Testing Efforts, Fazly Alahi, *Express Scripts*
- ❑ Performance Tuning Transaction Processing Systems, Russ Shermer, Ph.D., *Software Quality Management*

## Process Improvement

- ❑ Implementing Automation with Capability Maturity Model Integration, Paul M. Grossman, *Siemens Medical Solutions*
- ❑ Real Life Experience - How to Develop CMMI Processes?, Orhan Kalayci, *Nitelik Danışmanlık Ltd. et al*
- ❑ Real Life Experience Using CMMI L2 Processes and XP Practices, Orhan Kalayci, *Nitelik Danışmanlık Ltd. et al*
- ❑ Process Improvement and the Balanced Scorecard, Joyce Sattovia, *The Boeing Company*
- ❑ A Successful Approach to Process Improvement in an Information Technology Organization, Liz Glaser & Joyce Sattovia, *The Boeing Company*

## Mercury Tool Training Taught by Mercury-Certified Instructors

Using WinRunner 7.6, *Monday-Tuesday, Marina Durbin*  
Advanced WinRunner 7.6, *Wednesday-Thursday, Marina Durbin*  
Using TestDirector 8.0, *Friday, Marina Durbin*

### Wednesday October 27, 2004

#### Six Concurrent Tutorials

Tutorials marked with (CSTP) count towards the Certification of Software Testing Professionals for the Body of Knowledge areas indicated. Information regarding CSTP is posted at <http://www.testinginstitute.com/certification.php>

CSTP candidates will have to attend a 30 minute exam following each course

1. Principles of Software testing, (CSTP area #1), *Dr. Magdy Hanna*
2. Risk-Based Test Management, (CSTP area #3), *Marnie Hutcheson*
3. Exploring User Requirements with Use Cases, (CSTP #5), *Dr. Karl Wieggers*
4. Database Application Testing Fundamentals, (Intermediate), (CSTP Elective), *Mary Romero Sweeney*
5. Testing Web and eBusiness Applications, (Basic), (CSTP Elective), *Leslie Segal*
6. *Project Management for QA and Test Professionals*, (Intermediate), (CSTP Elective), *Dr. Rebecca Staton-Reinstein*

### Thursday, October 28, 2004

#### Six Concurrent Tutorials

Tutorials marked with (CSTP) count towards the Certification of Software Testing Professionals for the Body of Knowledge areas indicated. Information regarding CSTP is posted at <http://www.testinginstitute.com/certification.php>

CSTP candidates will have to attend a 30 minute exam following each course

1. Developing Reusable Test Design, (Intermediate), (CSTP area #2), *Robin Goldsmith, JD*
2. Identifying and Executing The Most Important Tests, (CSTP area #4), *Marnie Hutcheson*
3. Software Inspections and Reviews for QA and Test Professionals (CSTP area #7), *Dr. Rebecca Staton-Reinstein*
4. Database Testing: Structured Query Language (SQL) for Test Professionals, (Intermediate), (CSTP Elective), *Mary Romero Sweeney*
5. User Acceptance Testing (Intermediate) (CSTP elective), *Barbara Patterson*

### Friday, October 29, 2004

#### Six Concurrent Tutorials

Tutorials marked with (CSTP) count towards the Certification of Software Testing Professionals for the Body of Knowledge areas indicated. Information regarding CSTP is posted at <http://www.testinginstitute.com/certification.php>

CSTP candidates will have to attend a 30 minute exam following each course

1. Effective Test Design, (CSTP area #2), *Mary Romero Sweeney*
2. Effective Test Management (CSTP area 3&4), *Dr. Magdy Hanna*
3. Discovering Business Requirements, (CSTP area #5), *Robin Goldsmith, JD*
4. Principles of Software Test Automation, (Intermediate), (CSTP area #6), *Dr. Russ Shermer*
5. Testing in a Rapid Application Development Environment, (Intermediate), (CSTP elective), *Clyneice Chaney*
6. Improving the Software Test Process with Measurements, (CSTP Elective), *Al Sorkowitz*