

# Conference and Tutorial Faculty



**Scott Barber** is the chief technologist of PerfTestPlus, executive director of the Association for Software Testing and co-founder of the Workshop on Performance and Reliability. Mr. Barber's particular specialties are testing and analyzing performance for complex systems, developing customized testing methodologies for individual organizations, embedded systems testing, testing biometric identification and security systems, group facilitation and authoring instructional materials. He is an international keynote speaker and contributor to various software testing publications. Mr. Barber is a member of ACM, IEEE and the Context-Driven School of Software Testing and is a signatory to the Manifesto for Agile Software Development.

**Joe Basirico** has spent most of his educational and professional career studying security and developing tools that assist in the discovery of security vulnerabilities and general application problems. His primary responsibility at Security Innovation is to deliver the company's Security Training Curriculum to software teams in need of application security expertise. Mr. Basirico has trained developers and testers from numerous world-class organizations, such as Microsoft, HP, EMC, Symantec and ING. He holds a B.S. in computer science from Montana State University.



**Ryan Berg** is a co-founder and lead security architect of Ounce Labs, an innovator of software vulnerability risk management solutions, based in Waltham, Mass. Prior to Ounce Labs, Mr. Ryan co-founded Qiave Technologies, a pioneer in kernel-level security, which was sold to WatchGuard Technologies in 2000. He also served as a senior software engineer at GTE Internetworking, leading the architecture and implementation of new managed firewall services. Mr. Berg holds patents, and has patents pending, in multilanguage security assessment, intermediary security assessment language, communication protocols and security management systems.

A 20-year-plus software and systems engineering veteran, **Rex Black** is president and principal consultant of RBCS, which offers training, assessment, consulting, staff augmentation, insourcing, offsite and offshore outsourcing, test automation and quality assurance services. Mr. Black has published several books, including



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"Managing the Testing Process" and "Critical Testing Processes." He has also written more than 20 articles, presented hundreds of papers, workshops and seminars, and given more than a dozen keynote speeches at conferences and events around the world. Mr. Black is the president of both the International Software Testing Qualifications Board and the American Software Testing Qualifications Board.



**Shaun Bradshaw** serves as director of quality solutions for Questcon Technologies. He is responsible for managing Questcon's team of senior practice managers in the areas of quality solutions development and service delivery, and also works with clients to improve their quality assurance and software test processes.

**Hans Buwalda** leads LogiGear's action-based testing (ABT) research and development, and oversees the practice of ABT methodology. Mr. Buwalda is an internationally recognized expert specializing in action-based test automation, test development and testing technology management. He's also a speaker at international conferences, delivering tutorials and workshops, as well as presenting testing concepts such as ABT, the three Holy Grails of test development, soap-opera testing and testing in the cold. Recently, Mr. Buwalda co-authored "Integrated Test Design and Automation." He holds an M.S. in computer science from Free University, Amsterdam.



In his five years at Empirix, **Rick Cavallaro**, senior applications engineer, has worked with hundreds of companies helping to ensure the performance of their most critical Web applications. A 10-year veteran of the software industry, he specializes in testing and application development. Prior to joining Empirix, Mr. Cavallaro served in engineering roles at Aviv, Workstation Solutions and Revelation Software. He holds a BSEE degree from the University of Massachusetts, Lowell.

**Clyneice Chaney**, quality manager at Project Performance, brings more than 16 years of testing, quality assurance and process improvement experience. She is an American Society for Quality Certified Quality Manager and a Quality Assurance Institute Certified Quality Analyst. Focusing on process improvement and procedure development in the software testing and quality assurance areas, Ms. Chaney has successfully led process improvement, methodology development and re-engineering projects for organizations wishing to improve their software development, testing processes and tools implementation.



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**Thierry Ciot** is a senior software engineer with more than 15 years of experience in software design and implementation. His experience spans many operating systems, programming languages (ADA, C, C++, Java, .NET) and a multitude of application domains, from mail and messaging to debugging tools. Mr. Ciot currently works at Compuware as a technical lead on DevPartner Studio.

He is also the lead developer for System Compare, a tool that enables users to quickly find why an application works on one system but not on another.

**Ross Collard** is president of Collard & Co., a New York consulting firm. While he specializes in software testing and quality assurance, his consulting assignments have included strategic planning on the use of information technology for competitive advantage, the facilitation of quality improvement teams, management of large software development projects and the development of software engineering practices.

Mr. Collard has made keynote presentations at major software conferences, published articles and conducted seminars on information technology topics for businesses, governments and universities, including George Washington University, Harvard, New York University and U.C. Berkeley. He holds a B.E. in electrical engineering from the University of Auckland, New Zealand, an M.S. in computer science from the California Institute of Technology and an M.B.A. from Stanford.



**Elfriede Dustin** is an SQA manager at Symantec, author of the book "Effective Software Testing" and lead author of "Automated Software Testing" and "Quality Web Systems." She is currently writing the "Security Testing Handbook," along with two security experts, to be published by Symantec Press (spring 2006). She has also authored various white papers on the

topic of software testing and is a frequent speaker at various software testing conferences.

Ms. Dustin has a B.S. in computer science and more than 15 years of IT experience in various positions, such as QA director for BNA Software and assistant director for integration test and deployment at CSC on the IRS modernization effort.

**Michel Feaster** is the director of product management for Mercury Interactive. She has seven years of experience as a systems engineer, and has worked closely with hundreds of Mercury Interactive software developers and QA manager customers helping them to streamline QA operations. She has spent a total of 12 years in the enterprise software industry. Ms. Feaster's in-depth technical knowledge and engaging style have made her a sought-after speaker at numerous industry events.



**Jeff Feldstein** is currently a manager of software development at Cisco Systems Inc. During his 24-year career, he has been a software developer, tester, development manager and computer consultant; for the past five years, he

has been involved with software testing or has managed a team of developers who write software test tools. His specialties have included internetworking, real-time embedded systems, communications systems, hardware diagnostics and firmware, databases and test technologies. Mr. Feldstein has been one of the highest-rated speakers at previous Software Test & Performance conferences.



**Matthew Fisher** is a senior security engineer for SPI Dynamics and has been specializing in Web application security assessments for many years. A native Washingtonian, he has performed countless assessments of Web applications within the DoD and the federal government, as well as some of the largest commercial institutions around the globe, and is registered as a subject matter expert to the Defense Information Services Agency. Prior to joining SPI Dynamics, Mr. Fisher worked at Computer Sciences and Digex, where he acted as lead technical adviser on large-scale enterprise Web applications for Fortune 500 companies. He is a contributing author to the book "Google Hacking for Penetration Testers" and is currently working on his own book, titled "Web Application Security: A Guide for Developers and Penetration Testers." In addition, Mr. Fisher leads the Washington, D.C., OWASP chapter.



**Aaron Flint** has more than 10 years of increasingly senior quality assurance experience, primarily focused on testing enterprise-level server software, and responsible for functional testing, performance testing and building teams for quality assurance. For the past three years, Mr. Flint has been the QA manager at Layer7 Technologies. Prior to this, he worked at GTE Enterprise Solutions as QA team lead for multiple-listing-service

real estate system software, and InfoWave Software as QA team lead and manager for enterprise wireless connectivity software.

**Bob Galen** is a principal consultant of RGalen Consulting Group LLC, and has nearly 25 years of experience working in a wide variety of domains at companies including Bayer, Bell & Howell Mail Processing, EMC, Lucent, Unisys and Thomson.

Mr. Galen regularly speaks at international conferences and professional groups on software development, project management, software testing and



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team leadership. He is a certified Scrum Master and a member of the Agile Alliance. Mr. Galen is author of "Software Endgames: Eliminating Defects, Controlling Change, and the Countdown to On-Time Delivery."



**Andrew Glover** is president of Stelligent, where his primary responsibilities include the strategic development of Stelligent's products and services. Mr. Glover's career includes founding Vanward Technologies and leadership in software development for IBM, Philips Electronics and Procter & Gamble. He is a graduate of George Mason University in Fairfax, Va., and is a frequent speaker at industry events. Mr. Glover is a co-author of "Java Testing Patterns" (Wiley, 2004).

**Robin Goldsmith** has been president of the Go Pro Management consultancy since 1982. He works directly with and trains professionals in business engineering, requirements analysis, software acquisition, project management, quality assurance and testing. Previously he was a developer, a systems programmer/DBA/QA and a project leader with the City of Cleveland, leading financial institutions and a "Big 4" consulting firm. Author of numerous articles and the recent book "Discovering REAL Business Requirements for Software Project Success," Mr. Goldsmith was formerly international vice president of the Association for Systems Management and executive editor of the Journal of Systems Management. Mr. Goldsmith has an A.B. from Kenyon College, an M.S. from Pennsylvania State and a J.D. from Boston University.



**Michael Hackett** is a founding partner of LogiGear and is responsible for the direction and development of the company's training program. He has in-depth experience in software engineering and the testing of applications developed for deployment across multiple platforms. Mr. Hackett writes and teaches a software testing curriculum for LogiGear University, and for the U.C. Berkeley Extension. He is also co-author of "Testing Applications on the Web: Test Planning for Mobile and Internet-Based Systems," Second Ed., and holds a B.S. in engineering from Carnegie Mellon University.

**Steven Haines** started Quest Software's Java EE Performance Tuning professional services organization in 2002. Mr. Haines is the author of both "Java 2 Primer Plus" and "Java 2 From Scratch" and shares author credits on "Java Web Services Unleashed." He is also the author of two newly released books, "InformIT Java Reference

Guide" and "Pro Java EE Performance Management." Mr. Haines has taught Java at the University of California in Irvine and at Learning Tree University. As the Java host on InformIT.com, he publishes a weekly column on everything from Java Web technologies to design patterns and performance tuning.

**Linda Hayes** is the CTO of Worksoft, and also the founder of three software companies, including AutoTester, which delivered the first PC-based test automation tool. Ms. Hayes holds degrees in accounting, tax and law, is an award-winning author on software quality, and has been a frequent industry speaker at numerous industry conferences and shows. She has been named one of Fortune Magazine's "People to Watch" and one of the "Top 40 Under 40" by Dallas Business Journal. She has been a columnist and contributor to StickyMinds and Better Software magazines, as well as a columnist for Computerworld and Datamation, author of the "Automated Testing Handbook" and co-editor of "Dare to Be Excellent" with Alka Jarvis on best practices in the software industry.



**Chris Hetzler** is employed in the Fargo, N.D., Microsoft Business Solutions development office as a software development engineer in test. On his latest project, Microsoft Dynamics GP Web Services, he was the lead technical tester and was responsible for the development of the product's test strategy. Mr. Hetzler has a B.S. in computer science and an M.S. in software engineering from North Dakota State University. He has won numerous public speaking awards throughout his academic career.

**Ferhan Kilical** is an experienced IT professional with more than 20 years of software development and engineering experience. She has successfully managed tuning efforts of many Web-based systems in government and nonprofit institutions. Early in her career, Ms. Kilical successfully managed high-profile projects for the Department of Defense. She has taught computer science courses in the Washington, D.C., metro area universities. Recently she started a Washington, D.C.-based consulting firm specializing in performance, load and stress testing, performance monitoring, application tuning and optimization.

**Timothy Korson** has had more than two decades of substantial experience working on a large variety of systems developed using modern software engineering techniques. This experience includes distributed, real-time, embedded systems as well as business information systems in an *n*-tier, client/server environment. Dr. Korson's typical involvement on a project is as a senior management consultant with additional technical responsibilities to ensure high-quality, robust test and quality assurance processes and practices. Dr. Korson has authored numerous articles, and co-authored a book on Object Technology Centers.



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**Yury Makedonov** was trained as a researcher and worked in an R&D organization dealing with composite materials. He has a Ph.D. degree in physics and mathematics. He is now using his skills and knowledge to improve software quality.

Dr. Makedonov has 10 years of testing experience. Currently, he is working as a QA manager, a test automation manager and a senior consultant for the Centre of Testing and Quality at CGI Group, a leading Canadian provider of end-to-end information technology and business process services.

**Averil Meehan** has a Ph.D. in the area of memory management of object-oriented programming languages. Currently she lectures at Letterkenny Institute of Technology, a third level college in Ireland with students at degree and masters levels. Dr. Meehan has presented conference papers and written articles for publications internationally, including "Performance Implications of Java Memory Management," "Computer Programming in a Blended Learning Environment," "Java Garbage Collection—A Generic Solution" and "The Semantics of Garbage Collection Rules, A Denotational Approach."



**Hung Q. Nguyen** is CEO and founder of LogiGear, a software quality engineering firm offering training, testing services and test automation products. He is author and co-author of several software testing books, including "Testing Applications on the Web," Second Ed., and "Testing Computer Software," Second Ed.

Mr. Nguyen writes and teaches a software testing curriculum for LogiGear University, as well as for U.C. Berkeley and the U.C. Santa Cruz Extension. He holds a B.S. in quality assurance from Cogswell Polytechnical College, is a graduate of a Stanford Graduate School of Business Executive Program, and is a certified quality engineer.

**Thomas O'Mara** has more than 25 years of experience with PC-based computing, ranging from Fiber Optic Gyroscope data acquisition using the stack-based FORTH language to Web-based applications utilizing the .NET Framework and ASP.NET. In between, there were C, Visual Basic and various database and middleware initiatives. Mr. O'Mara has been working with and writing articles about .NET technology since early 2001. He has considerable direct performance-tuning experience on a Web-based ASP.NET banking software application for large credit unions.



**Phil Quitslund**, window tester architect at Instantiations, is an expert in GUI testing and automation. He has been active in the Eclipse research community since 2002 and has devel-

oped numerous tools for supporting advanced programming language features and extensions such as aspect-oriented programming. Mr. Quitslund is also an expert in programming language design, static analysis and code generation.

**BJ Rollison** is a technical trainer in the Engineering Excellence Group at Microsoft, where he designs and develops an intensive, hands-on technical training curriculum for new and experienced test engineers. He started his professional career in the industry working on developing custom solutions for hospitals and local government agencies in Japan. In 1994 he joined the Windows 95 project at Microsoft, focusing on the internationalization of the Windows operating system.

In 1996, Mr. Rollison became a test manager in the Internet Client and Consumer Division, responsible for several client products and a Web server. He moved to Microsoft's Internal Technical Training group in 1999 as the director of test training, responsible for planning and organizing training for more than 6,000 test engineers. He also teaches software testing courses at the University of Washington and sits on the advisory boards for software testing certificate programs at the University of Washington and Lake Washington Technical College.

**Laura Rose** is a quality assurance expert and the product manager responsible for automated performance test tools at IBM Rational. In addition to leading projects in both software programming and testing environments, she has 13 years of programming experience and 10 in test management.

Ms. Rose has been a member of the American Society for Quality, the Triangle Quality Council and the Triangle Information Systems Quality Association.

She is published and has presented at various test and quality conferences, including IBM Test Symposium West, Practical Software Quality Conference (East and West), American Quality Society Conference, Better Software Conference & Expo and STARWest.

**Dan Rubel**, chief technology officer for Instantiations, has been designing object-oriented software since 1987. He is an expert in the design and implementation of commercial software products like CodePro Studio, jFactor and VA Assist, and frameworks used throughout the company and beyond, including jKit/GO and jKit/Grid. At Objectshare Systems, Mr. Rubel was one of the lead designers of WindowBuilder Pro and other products.

**Robert Sabourin**, P.Eng., has more than 20 years of management experience leading teams of software development professionals to consistently deliver projects on time, on quality and on budget.

Mr. Sabourin is an adjunct professor of software engineering at McGill University who often speaks at conferences around the world on software engineering, SQA, testing and management issues.





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**Neeraj Sangal** is president of Lattix, a company specializing in software architecture management solutions and services. He has analyzed many large proprietary and open-source systems. Prior to Lattix, Mr. Sangal was president of Tendril Software, which pioneered model-driven EJB development and synchronized UML models for the Java programming language. Tendril was acquired by BEA/WebGain. Prior to Tendril, he managed a distributed development organization at Hewlett-Packard.



**Paul Slauenwhite** is a software developer on the IBM Autonomic Computing (AC) Tools and Technologies project and a committer to the Eclipse Test and Performance Tools Platform (TPTP) open-source project. After receiving a B.Sc. in computer science from Dalhousie University, Mr. Slauenwhite joined IBM in 2000 and worked on the WebSphere Object Level Trace (OLT) project. In 2001, he joined the IBM WebSphere Studio Team and

developed logging and tracing technologies. He is currently working on an M.Math in software engineering at the University of Waterloo.

Over the past 15 years, **Peter Sody** has been a testing contractor, software developer, test engineer and development manager for several companies and organizations in Germany and the United States, most recently for Eclipsys and Vertex. Being an advocate of test-driven development, he is now using his skills for developing architectures and frameworks for both functional test automation and performance testing. Mr. Sody has authored publications on various aspects of software development, including presentations at conferences such as IEEE RE and Net.ObjectDays. He holds an M.S. in computer science from Kaiserslautern University, Germany.



**Sergei Sokolov** is the product manager of C/C++ solutions at Parasoft, where he has been a senior member of the Professional Services team for two years. He has more than 10 years of experience in developing large software systems in C and C++ in the Electronic Design Automation (EDA) industry. Mr. Sokolov has published a number of technical and research papers, and presented at technical conferences on the subjects of application security and best development practices. He has two master's degrees, and has been awarded a patent for a new technology in the EDA field.

Now an independent software consultant, **Alfred Sorkowitz** was a computer scientist with the Department of the Navy, responsible for developing real-



time, software-intensive embedded systems. Prior to joining the Department of the Navy, he was director of the Standards and Quality Control Staff, U. S. Department of Housing and Urban Development. Mr. Sorkowitz has published papers and has presented seminars on software metrics, SQA and testing at conferences sponsored by the IEEE Computer Society, ACM and the British Computer Society.



**Dean Stevens** has been involved with developing and delivering world-class hardware, software and service products for more than 20 years. Prior to joining Symbio, Mr. Stevens founded and served as the CEO of China TechSource—an outsourcing broker for Chinese services firms. In addition, he has operated a consulting firm that worked with corporations to resolve executive management and execution issues. He has demonstrated

success managing global remote development, multicompany projects and distributed virtual organizations. Mr. Stevens began his career writing FORTRAN code for a CDC mainframe. He is a graduate of the University of Idaho.

**Tom Stracener** was one of the founding members of nCircle Network Security. While at nCircle he served as the head of vulnerability research from 1999 to 2001, developing one of the industry's first quantitative vulnerability scoring systems, and co-inventing several patented technologies. Mr. Stracener is an experienced security consultant, penetration tester and vulnerability researcher. One of his patents, "Interoperability of vulnerability and intrusion detection systems," was granted by the USPTO in October 2005. He is the senior security analyst for Cenizic's CIA Labs and the architect of Cenizic's Application Penetration Testing Methodology.

**Mary Sweeney** has been developing, using and testing relational database systems for more than 20 years for such companies as Boeing and Software Test Labs. She's the author of "Visual Basic for Testers" (Apress, 2001) and "A Tester's Guide to .NET Programming" (Apress, 2006). Ms. Sweeney is a college professor with a degree in mathematics and computer science from Seattle University. She is an MCP in SQL Server, and is on the board of IIST (International Institute of Software Test).



**Stanley Au Yeung** has years of IT experience in database applications, performance testing and quality assurance. After getting his M.S. degree from George Washington University in Information Technology, he was heavily involved with research and application development projects in the university. Then he joined a non-profit organization where he mastered skills and knowledge in quality assurance and performance testing. He was involved with various high-profile Web systems tuning and optimization projects. He is currently working on a performance optimization project for a mission-critical Navy application as a senior consultant.

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