

# A Bibliography of the Personal Software Process (PSP) and the Team Software Process (TSP)

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## Abstract

Since the early 1990s, widespread use of the Personal Software Process (PSP) and Team Software Process (TSP) has resulted in a substantial body of literature about these methodologies and the experiences of organizations that have used them. This special report provides a bibliography of books, articles, and other literature concerning the PSP and TSP methodologies.



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## Introduction

In April 1986, in a column in *IEEE Spectrum*, Watts S. Humphrey asserted that a massive, complex system—specifically the Strategic Defense Initiative—could be programmed with high quality and reliability if it were done by “strong technical teams that use a highly disciplined development process.”

Over the next few years, Humphrey led an effort at the Software Engineering Institute to describe such a process for both individuals and teams. Since the early 1990s, thousands of engineers at organizations worldwide have used the Personal Software Process (PSP) and the Team Software Process (TSP) to produce nearly error-free software programs.

Widespread use of the PSP and TSP has also resulted in a substantial body of literature about these methodologies and the experiences of organizations that have used them. This special report provides a bibliography of books, articles, and other literature concerning the PSP and TSP methodologies.

**NOTE:** There is an extensive PSP-TSP section on the SEI’s Software Engineering Information Repository (SEIR). Use of the repository is free, but you will need to register and receive a password to use it. (<https://seir.sei.cmu.edu/seir/>)

For more information about PSP and TSP, visit the TSP section of the SEI website:  
<http://www.sei.cmu.edu/tsp/>





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## A Bibliography for the Personal Software Process (PSP) and Team Software Process (TSP)

### Books

Ceberio-Verghese, A. C. *Personal Software Process: A User's Perspective*. Los Alamitos, CA: IEEE Computer Society Press, 1996.

<http://www.computer.org/portal/web/csdl/doi/10.1109/CSEE.1996.491362>

El Emam, K.; Shostak, B.; & Madhavji, N. H. *Implementing Concepts from the Personal Software Process in an Industrial Setting*. Los Alamitos, CA: IEEE Computer Society Press, 1996.

<http://www.computer.org/portal/web/csdl/doi/10.1109/ICSP.1996.565030>

Humphrey, Watts S. *A Discipline for Software Engineering: The Complete PSP Book*. Reading, MA: Addison-Wesley Publishers, 1995 (ISBN: 0201546108).

<http://www.sei.cmu.edu/library/abstracts/books/0201546108.cfm>

Humphrey, Watts S. *Introduction to the Personal Software Process*. Reading, MA: Addison-Wesley Publishers, 1997 (ISBN: 0201548097).

<http://www.sei.cmu.edu/library/abstracts/books/0201548097.cfm>

Humphrey, Watts S. *Introduction to the Team Software Process*. Reading, MA: Addison-Wesley Publishers, 2000 (ISBN: 020147719X).

<http://www.sei.cmu.edu/library/abstracts/books/020147719X.cfm>

Humphrey, Watts S. *Managing Technical People: Innovation, Teamwork, and the Software Process*. Reading, MA: Addison-Wesley Publishers, 1997 (ISBN: 0201545977).

<http://www.sei.cmu.edu/library/abstracts/books/201545977.cfm>

Humphrey, Watts S. *Managing the Software Process*. Reading, MA: Addison-Wesley, 1989 (ISBN: 0201180952). <http://www.sei.cmu.edu/library/abstracts/books/0201180952.cfm>

Humphrey, Watts S. *PSP: A Self-Improvement Process for Software Engineers*. Boston, MA: Addison-Wesley Publishers, 2005 (ISBN: 0321305493).

<http://www.sei.cmu.edu/library/abstracts/books/0321305493.cfm>

Humphrey, Watts S. *Winning With Software: An Executive Strategy*. Boston, MA: Addison-Wesley Publishers, 2002 (ISBN: 0201776391).

<http://www.sei.cmu.edu/library/abstracts/books/0201776391.cfm>

Jain, Mukesh. *Delivering Successful Projects with TSP and Six Sigma: A Practical Guide to Implementing Team Software Process*. Boca Raton: CRC Press (ISBN: 9781420061437).

[http://www.crcpress.com/ecommerce\\_product/product\\_detail.jsf?isbn=9781420061437](http://www.crcpress.com/ecommerce_product/product_detail.jsf?isbn=9781420061437)

Macke, Susan. *An Industry/Academic Partnership that Worked: An In Progress Report*. Los Alamitos, CA: IEEE Computer Society Press, 1996.

<http://www.computer.org/portal/web/csdl/doi/10.1109/CSEE.1996.491375>

Syu, Inien; Salimi, Aboalfazl; Towhidnejad, Masood; & Hilburn, Tom. *A Web-Based System for Automating a Disciplined Personal Software Process (PSP)*. Los Alamitos, CA: IEEE Computer Society Press, 1997. <http://www.computer.org/portal/web/csdl/doi/10.1109/SEDC.1997.592443>

Towhidnejad, Masood & Salimi, Aboalfazl. *Incorporating a Disciplined Software Development Process Into Introductory Computer Science Programming Courses: Initial Results*. New York, NY: IEEE, 1996. <http://www.computer.org/portal/web/csdl/doi/10.1109/FIE.1996.572893>

## Book Forewords, Chapters, and Sections

Humphrey, Watts S. “Personal Software Process (PSP),” an entry in the *Encyclopedia of Software Engineering, Second Edition*, 2, 0-471-21007-2, Wiley Publishers, New York, 2002, 948-961.

Humphrey, Watts S. “Process Maturity Model,” an entry in the *Encyclopedia of Software Engineering*, John J. Marciniak Editor-in-Chief, New York, NY: John Wiley & Sons, 1994, 851-860.

Humphrey, Watts S. “Reflections on a Software Life,” *In the Beginning, Recollections of Software Pioneers*, Robert L. Glass, ed. Los Alamitos, CA: The IEEE Computer Society Press, 1998, pages 29–53.

Humphrey, Watts S. “Software Engineering,” an entry in the *Encyclopedia of Computer Science*, A. Ralston (ed.). New York, NY: D. Van Nostrand Reinhold, 1992, 1217-1222.

Humphrey, Watts S. “Team Software Process (TSP),” an entry in the *Encyclopedia of Software Engineering, Second Edition*, 2, 0-471-21007-2, Wiley Publishers, New York, 2002, 1735-1750.

Naveda, J. F.; Beck, K.; Gabriel, R. P.; Diaz Herrera, J.; Humphrey, W.; McCracken, M.; & West, D. “Extreme Programming and Agile Methods—XP/Agile Universe 2002.” *Lecture Notes in Computer Science*, Volume 2418/2002, Springer-Verlag GmbH.

## General Publications

### 2009

Akiyama, Yoshihiro & Over, James. "Bringing Science for High Maturity Practices with PSP/TSP." *Proceedings of the TSP Symposium* (September 2009).

[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Battle, Ed. "Using TSP at the MSG Level." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Chick, Timothy A.; Cannon, Robert; McHale, Jim; Nichols, William; Pomeroy-Huff, Marsha; Welch, Jefferson; & Willett, Alan. *Software Process (TSP) Coach Mentoring Program Guidebook*, CMU/SEI-2009-SR-009. Carnegie Mellon University, Software Engineering Institute, 2009. <http://www.sei.cmu.edu/library/abstracts/reports/09sr009.cfm>

Curtis, Bill. "Maturity, Agility, Prediction, Three Problems and TSP: keynote address." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Davis, Noopur & Spencer, Barbara. "Experiences Using the Team Software Process at Adobe Systems." *Proceedings of the TSP Symposium* (September 2009).

[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Davis, Noopur; Miller, Philip; Nichols, Bill; & Seacord, Robert. "TSP and Secure Coding." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

De La Maza, Agustin; Valera, Juan; & Garza, Ricardo. "Best-Practices for TSP Implementation on Outsourced Application Development Projects." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Hart, Jim. "TSP at Software Process Dynamics." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Humphrey, Watts S. "The Large System Problem." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Humphrey, Watts. S. *The Watts New? Collection: Columns by the SEI's Watts Humphrey*, CMU/SEI-2009-SR-024 (to be published). Carnegie Mellon University. Carnegie Mellon University, Software Engineering Institute, 2009.

<http://www.sei.cmu.edu/library/abstracts/reports/09sr024.cfm>

Humphrey, Watts S. "Software Engineering Maturity and the Process Revolution," Executive Brief, Technology Management Resource for Business Leaders (October 2009).

<http://www.executivebrief.com/software-development/software-engineering-maturity-process-revolution/>

Kemerer, Chris F. & Paulk, Mark C. "The Impact of Design and Code Reviews on Software Quality: An Empirical Study Based on PSP Data." *IEEE Transactions on Software Engineering*, 35, 4 (July-August 2009): 534-550.

Nichols, William & Pomeroy-Huff, Marsha. "A Star is Made: Attaining Excellence through Deliberate Practice." *Proceedings of the TSP Symposium* (September 2009).  
[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Nichols, William R. & Salazar, Rafael. *Deploying TSP on a National Scale: An Experience Report from Pilot Projects in Mexico: An Experience Report from Pilot Projects in Mexico*, CMU/SEI-2009-TR-011. Carnegie Mellon University, Software Engineering Institute, 2009.  
<http://www.sei.cmu.edu/library/abstracts/reports/09tr011.cfm>

Nichols, William; Carleton, Anita; Humphrey, Watts; & Over, James. "A Distributed Multi-Company Software Project." *CrossTalk*, 22 (May/June 2009): 20-24.  
<http://www.stsc.hill.af.mil/crosstalk/2009/05/0905NicholsCarletonHumphreyOver.html>

Nielsen, Paul D. "TheSEI: A Focus on Process: Keynote address." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Padula, Alan. "TSP-Agile Showdown: The Gun Smoke Clears." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Pomeroy-Huff, Marsha; Cannon, Robert; Chick, Timothy A.; Julia Mullaney; & William Nichols. *The Personal Software Process (PSP) Body of Knowledge, Version 2.0*, CMU/SEI-2009-SR-018. Carnegie Mellon University, Software Engineering Institute, 2009.  
<http://www.sei.cmu.edu/library/abstracts/reports/09sr018.cfm>

Ramos, Roberto. "Implementation of the TSP in Small and Medium Size Software Enterprises." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Salazar, Rafael. "Introducing TSP in Very Small Software Outsourcing Organizations." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Sartain, Jim. "Inspiring, Enabling and Driving the Evolution of Quality at Adobe Leveraging TSP." *Proceedings of the TSP Symposium* (September 2009).  
[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Starnes, Orville. "Report on a Multi-Team, Multi-Discipline, Multi-Distributed Launch." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Stockmyer, Mark & Saint-Amand, David. "No Experience Necessary, How I Learned to Love that New Team Smell." *Proceedings of the TSP Symposium* (September 2009).  
[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Webb, David. "A Quality Process Performance Model for Software Development Projects." *Proceedings of the TSP Symposium* (September 2009). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Ying-xin, Chen. "Team Software Process Simulation Model Based on Levels." (Language: Chinese). *Journal of the Harbin Institute of Technology*, 41, 1 (January 2009): 207-210.

Yu, Hongyun; Bao, Xiaohong; & Yang, Shunkun. "Research and Improvement of Team Software Process," 654-658. 2009 WRI World Congress on Computer Science and Information Engineering, Los Angeles, CA (March 2009).

Ziemer, Jason. "TSP in a Customer Service Environment." *Proceedings of the TSP Symposium* (September 2009). <http://www.sei.cmu.edu/tspsymposium/>

## 2008

"Hindsight, Insight and Foresight from the Greatest Minds, Software Process: Past, Present and Future: Interview with Professor Watts S. Humphrey." *Frontier Journal*, 5, 8 (August 2008): 90-91.

Alkadi, Ghassan & Beaubouef, Theresa. "An Experimental Group for Researching and Developing Software." *Journal of Computing Sciences in Colleges* 23, 6 (June 2008): 104-109.

Bareiss, Ray & Griss, Martin. "A Story-Centered, Learn-By-Doing Approach to Software Engineering Education," 221-225. *Proceedings of the 39th SIGCSE Technical Symposium on Computer Science Education, 2008*. Portland, OR.

Cagle, Lana & Femal, Mark. "Taking the Functional Out of Dysfunctional Teams." *Proceedings of the TSP Symposium* (September 2008). <http://www.sei.cmu.edu/tspsymposium/>

Carleton, Anita & Chick, Tim. "How Do You Bring Process Discipline to a Team?" *Proceedings of the TSP Symposium* (September 2008). <http://www.sei.cmu.edu/tspsymposium/>

Crosby, Linda Lou & Schwalb, Jeff. "NAVAIR's Coast-to-Coast Support of the E-2C Hawkeye Using Distributed TSP." *CrossTalk*, 21, 3 (March 2008): 4-7.  
<http://www.stormingmedia.us/12/1217/A121784.html>

Epstein, R. G. "A Software Engineering Course with an Emphasis on Software Processes and Security." IEEE 21st Conference on Software Engineering Education and Training (CSEET 2008), Charleston, SC (April 2008).

Epstein, R. G. "Getting Students to Think about How Agile Processes Can Be Made More Secure." IEEE 21st Conference on Software Engineering Education and Training (CSEET 2008), Charleston, SC (April 2008).

Fahmami, S. A. & Choi, Ho-Jin. "A Survey on Team Software Process Supporting Tools," 987-990. Third International Conference on Convergence and Hybrid Information Technology, Busan, South Korea (November 2008).

Garcia, Ivette. "TSP national initiative, National Program to Develop the IT-ITES Industry PROSOFT 20." *Proceedings of the TSP Symposium* (September 2008).  
<http://www.sei.cmu.edu/tspsymposium/>

Garza, Ricardo. "Transforming Process Quality Index (PQI) into a Process Performance Model." *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Honig, W. L. "Teaching Successful "Real-World" Software Engineering to the "Net" Generation: Process And Quality Win!" IEEE 21st Conference on Software Engineering Education and Training (CSEET 2008), Charleston, SC (April 2008).

Humphrey, Watts S. & Carleton, Anita. "How Mexico is Doing It." *Watts New? news @column*. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2008. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew.cfm>

Humphrey, Watts S. & Nichols, Bill. "Certifying Software Organizations," *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Humphrey, Watts S. "Being Your Own Boss—Part V: Building Trust." *Watts New? news@sei*, 2008. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200803.cfm>

Humphrey, Watts S. "New Priorities." *Watts New? news@sei*, 2008. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200807.cfm>

Humphrey, Watts S. "The Process Revolution." *CrossTalk*, 21, 8 (August 2008): 4-6. <http://www.stsc.hill.af.mil/crosstalk/2008/08/0808Humphrey.html>

Humphrey, Watts S. "The Process Revolution." *CrossTalk*, 21, 8 (August 2008): 4-6. <http://www.stsc.hill.af.mil/crosstalk/2008/08/0808Humphrey.html>

Humphrey, Watts S. "The Software Quality Challenge." *CrossTalk*, 21, 6 (June 2008): 4-9. <http://www.stsc.hill.af.mil/crosstalk/2008/06/0806Humphrey.html>

Humphrey, Watts S. "The Victim Trap." *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Janardanan, Radhika & Smith, Jeffrey. "Delivering Successful Projects with TSP—Best Implementation of the TSP." *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Jun, Guo; Feng, Yuan; & Li, Ruan. "PSP Enactment Method Based on Extended SPEM," (Language: Chinese) March 2008.

Lee, Taek & Baik, Dookwon. "Cost Benefit Analysis of Personal Software Process Training Program." 2008 IEEE 8th International Conference on Computer and Information Technology Workshops, Sydney, Australia (July 2008).

Liu, Chien-Hung; Chen, Shu-Ling; & Huang, Yu-Chun. "PSPCAT: A PSP Data Collection and Analysis Tool," 36-37. *The 20th International Conference Proceedings on Software Engineering & Knowledge Engineering*, Redwood City, CA (July 2008).

McHale, James; Chick, Tim; Davis, Noopur; & Miluk, Gene. “Accelerating CMMI Adoption with PSP/TSP.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Miller, Phil. “Lessons Learned in SEI Blended Learning.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Miluk, Gene; McHale, Jim; & Chick, Tim. “Accelerating CMMI Adoption with PSP/TSP—TCAIM.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Nichols, B. & Willett, Alan. “Dealing with Resistance: Tools of the Change Warrior.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Nichols, Bill. “Deploying TSP to a Nation: Early Results from Mexico.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Ontibon, Yuri & Serra, Miguel. “TOWA’s TSP Initiative: The Ambition to Succeed.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Padula, Alan. “TSP—Agile Showdown.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Qiang, Yu; Hu, Yunfa; & Li, Xu. “A TSP-Based Algorithm for Mining Fuzzy Association Rule.” *Chinese Journal of Electronics*, 17, 1 (January 2008): 127-129.

Ramos, Javier Saldaña; Guzmán, Javier García; de Amescua Seco, Antonio; Esteban, Ana Sanz. “A Study of Reported Practical Experiences about TSP Implementations.” *Software Process: Improvement and Practice*, 13, 5 (September 2008).

Rombach, Dieter; Munch, Jurgen; Ocampo, Alexis; Humphrey, Watts S.; & Burton, Dan. “Teaching Disciplined Software Development.” *The Journal of Systems & Software*, 81, 5 (May 2008): 747-763. <http://portal.acm.org/citation.cfm?id=1353060&jmp=cit&coll=GUIDE&dl=>

Salazar, Rafael. “Preparing Undergraduate Students for Industry’s TSP Needs.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Sartain, Jim. “Critical Success Factors for TSP/PSP Adoption in Consumer Software Companies.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Seriampalayam, Rajan. “Applying TSP to Distributed Teams—Challenges and Experiences.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Starnes, Orville. “TSP and Formal Cause Analysis.” *Proceedings of the TSP Symposium* (September 2008). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)



Sussy, B. O.; Calvo-Manzano, J. A.; Gonzalo, C.; & Tomas, S. F. "Teaching Team Software Process in Graduate Courses to Increase Productivity and Improve Software Quality." COMPSAC 2008, Turku, Finland (July-August 2008).

Switzer, Julie & Starnes, Orville. "Integrating CMMI, TSP and Change Management Principles to Accelerate Process Improvement Best Implementation of the TSP." *Proceedings of the TSP Symposium* (September 2008). <http://www.sei.cmu.edu/tspsymposium/>

von Konsky, Brian R. & Ivins, Jim. "Assessing the Capability and Maturity of Capstone Software Engineering projects," 171-180. *Proceedings of the Tenth Conference on Australasian Computing Education*. Wollongong, NSW, Australia (2008).

Wall, Dan. "Speed Bumps on the Implementation Highway." *Proceedings of the TSP Symposium* (September 2008). <http://www.sei.cmu.edu/tspsymposium/>

Weaver, Susan. "From Both Sides Now—TSP from Within & From Just Beyond." *Proceedings of the TSP Symposium* (September 2008). <http://www.sei.cmu.edu/tspsymposium/>

Webb, David; Van Buren, Jim; Tuma, David; & Stoddard, Robert. "Uses of Monte Carlo Simulation for TSP Team." *Proceedings of the TSP Symposium* (September 2008). <http://www.sei.cmu.edu/tspsymposium/>

## 2007

Akiyam, Yoshihiro. "A Quantitative Method for Preventing Defect Injection in PSP/TSP." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Bala, Karthik & Bala, Guha. "Game On! An Industry's Journey." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Cagle, Lana. "TSP Implementation Veteran." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Chen, Christine; Chong, Elaine; Collins, Roger; Tingey, Karen; & Zhang, Michelle. "Taking Ownership and Adapting TSP Successfully Over Time." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Davis, Noopur & Macherone, Larry. "Automated Unit Testing and the TSP." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Etzaniz, Inaki. "A Tool to Improve the Software Process Quality in an R&D Center Using PSP." *WSEAS Transactions on Information Science and Applications*, 4, 4 (April 2007): 763-770.

Fagan, Eileen & Seriampalayam, Rajan. "TSP Works...Let's Roll it Out!" *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

- Garza, Ricardo. "Using Benford's Law to Monitor Process Fidelity." *Proceedings of the TSP Symposium* (September 2007). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Gwak, Taehee & Jang, Yoonjung. "A Study on Software Project Coaching Model Using TSP in Samsung." ICSOFT 2007. Second International Conference on Software and Data Technologies, Barcelona, Spain (July 2007).
- Heinsma, Dwayne. "Using Team Process Integration (TPI with Non-Software Teams (An Integrated Product Team's Experience)." *Proceedings of the TSP Symposium* (September 2007). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Humphrey, Watts S. "Acquiring Quality Software." *Journal of Quality Assurance Institute*, 21, 2 (April 2007).
- Humphrey, Watts S. "Being Your Own Boss—Part I: The Ideal Job." Watts New? columns [news@sei](mailto:news@sei), 2007. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200703.cfm>
- Humphrey, Watts S. "Being Your Own Boss—Part II, The Autocratic Manager." Watts New? columns, [news@sei](mailto:news@sei), 2007. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200705.cfm>
- Humphrey, Watts S. "Being Your Own Boss—Part III Knowledge Work." Watts New? columns, [news@sei](mailto:news@sei), 2007. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200706.cfm>
- Humphrey, Watts S. "Being Your Own Boss—Part IV Being a Victim." Watts New? Columns, [news@sei](mailto:news@sei), 2007. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200708.cfm>
- Humphrey, Watts S. "Large-Scale Work—Part VI: The Process." Watts New? columns, [news@sei](mailto:news@sei), 2007. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200701.cfm>
- Humphrey, Watts S. "Large-Scale Work—Part VII: Process Discipline." Watts New? columns, [news@sei](mailto:news@sei), 2007. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200702.cfm>
- Humphrey, Watts S. "Software Process Improvement—A Personal View: How it Started and Where it is Going," 223-228. Software process Improvement and Practice. *InterScience*, 10 (February 2007): 324.
- Humphrey, Watts S. "The Ideal Software Job." *Proceedings of the Software Technology Forum of the John von Neumann Computer Society*. University of Budapest, Budapest, Hungary (October 2007).
- Humphrey, Watts S. "Why Don't We Practice (What Humphrey, Watts S. Preaches)." *IT Metrics and Productivity Journal* (March 2007). <http://www.itmpi.org/default.aspx?pageid=330>
- Humphrey, Watts S.; Over, J. W.; Konrad, M. D.; & Peterson, W. C. "Future Directions in Process Improvement." *CrossTalk, The Journal of Defense Software Engineering*, 20, 2 (February 2007): 17-22. <http://www.stsc.hill.af.mil/crosstalk/2007/02/0702HumphreyKonradOverPeterson.html>

Miller, Phil. "An SEI Process Improvement Path to Software Quality." 6th International Conference on the Quality of Information and Communications Technology (QUATIC 2007), Lisbon, Portugal (September 2007).

<http://www.computer.org/portal/web/csdl/doi/10.1109/QUATIC.2007.30>

Montes de Oca, Carolos. "Developing a Software Industry with TSP and PSP." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Musson, Robert. "Issues of Organizational Structure and Leadership Associated with Process Deployment." *Proceedings of the TSP Symposium* (September 2007).

<http://www.sei.cmu.edu/tspsymposium/>

Northrop, Linda. "Architecting High Quality Software: The Role of Software Architecture in System Development and Evolution." *Proceedings of the TSP Symposium* (September 2007).

<http://www.sei.cmu.edu/tspsymposium/>

Pan, Zhedan; Park, Hyun; Hyuncheol, Baik; & Jongmoon, Choi Hojin. "A Six Sigma Framework for Software Process Improvements and its Implementation," 446-453. *Proceedings of the 14th Asia-Pacific Software Engineering Conference, APSEC*. Nagoya, Japan (December 2007).

<http://www.computer.org/portal/web/csdl/doi/10.1109/ASPEC.2007.43>

Pandey, A. K. & Saxena, Vikas. "Unconventional Use of PSP to Enhance and Measure the Quality of Engineering Graduates," 1056-1059. *Proceedings of the International MultiConference of Engineers and Computer Scientists, IMECS 2007*, Hong Kong, China (March 2007).

Ratnaraj, David Y. "Importance of Component Postmortem." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tspsymposium/>

Rickets, Chris; Lindeman, Robert; & Hodgins, Brad. "How TSP Implementation Has Evolved at AV-8," *Proceedings of the TSP Symposium* (September 2007).

<http://www.sei.cmu.edu/tspsymposium/>

Ri-hong, Wang. "Study on Team Software Process and the Relation Between TSP and CMM/CMMI," (Language: Chinese). *Journal of Qingdao Technological University*, 28, 1 (2007) 6-13.

Saxena, Vikas & Pandey, A. K. "A New Way to Order Chaos in Software Processes," 1169-1171. *Proceedings of the International MultiConference of Engineers and Computer Scientists, IMECS 2007*, Hong Kong, China (March 2007).

Shin, Hyunil; Choi, Ho-Jin & Baik, Jongmoon. "Jasmine: A PSP Supporting Tool," 73-83. Software Process Dynamics and Agility, International Conference on Software Process, ICSP 2007, *Proceedings (Lecture Notes in Computer Science Vol.4470)*, Minneapolis, MN (May 2007).

<http://www.springerlink.com/content/1607282107g27767/>

Shin, Hyunil; Jung, Kyoungchak; Song, Ilsun; Choi, Hojin; & Baik, Jongmoon. "A Tool to Support Personal Software Process," (Language: Korean). *Journal of KISS: Software and Applications*, 34, 8 (August 2007): 752-62.

Stark, John & Skotak, Pam. "Custom Fitting TSP: Patience and Perseverance Pay Off." *Proceedings of the TSP Symposium* (September 2007). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Starnes, Orville. "TSP and Three Project Management Myths." *Proceedings of the TSP Symposium* (September 2007). <http://www.sei.cmu.edu/tsp/proceedings07.html>

Wall, Dan. "PSP Training for Everyone." *Proceedings of the TSP Symposium* (September 2007). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Webb, David R.; Miluk, Gene; & Van Buren, James. "CMMI Level 5 and the Team Software Process." *CrossTalk*, 20, 4 (April 2007): 16-20.  
<http://www.stsc.hill.af.mil/crosstalk/2007/04/0704WebbMilukVanBuren.html>

Webb, David R.; Miluk, Gene; & Van Buren, James. "Making TSP Work at CMMI Level 5." *Proceedings of the TSP Symposium* (September 2007). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Willett, Alan & Fagan, Eileen. "The Teacher, the Bathtub and the Bureaucrat." *Proceedings of the TSP Symposium* (September 2007). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Youngkyu, Park; Hojin, Choi; & Jongmoon, Baik. "A Framework for the Use of Six Sigma Tools in PSP/TSP." 5th International Conference on Software Engineering Research, Management and Applications, Busan, South Korea (August 2007). <http://portal.acm.org/citation.cfm?id=1307433>

## 2006

Akiyama, Yoshihiro; Over, Jim; McHale, Jim; & Carleton, Anita. "Impact of Individual Performance to Project Organization." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Burton, Dan & Humphrey, Watts S. "Mining PSP Data." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Carleton, Anita & Chick, Tim. "Extending the Team Software Process for Systems Engineering." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Chick, Timothy A. "Using TSP With a Multi-Disciplined Project Management System." *CrossTalk*, 19, 3 (March 2006). <http://www.stsc.hill.af.mil/crosstalk/2006/03/0603Chick.html>

Choi, Seung-Yong & Kim, Jeong-Ah. "Applying Tools of Six Sigma and PSP for Definition and Schedule Management of Process," (Language: Korean). *Journal of KISS: Software and Applications*, 33, 11 (November 2006): 923-35.

Cuyler, Tom. "An Overview of Sandia Nations Laboratories." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Davis, Noopur & Fagan, Eileen. "Agility Through Discipline." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

- Fagan, Eileen. "Triumphs and Challenges of Using TSP/PSP at Intuit." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Hodgins, Bradley. "Interdisciplinary Team Project Management Using TSP Concepts." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Hodgins, Bradley. "NAVAIR LAMP Model: A Coaches Aid in Helping Teams Apply TSP." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Honig, William L. "What Works Best with TSPi for Small Team Productivity and Quality." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Humphrey, Watts S. & Milutis, Michael. "Focus on Watts Humphrey. A CAI State of the Practice Interview." *IT Metrics and Productivity Journal Special Edition* (October 2006)
- Humphrey, Watts S. "Large-Scale Work—Part IV: The Management System." Watts New? columns, *news@sei*, 2006.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200603.cfm>
- Humphrey, Watts S. "Large-Scale Work—Part V: Building Team Ownership." Watts New? columns, *news@sei*, 2006.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200605.cfm>
- Humphrey, Watts S. "Scaling Up the Process." Keynote address: *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Humphrey, Watts S. "Software Process Change," 204-213. *Proceedings of the International Software Process Workshop and International Workshop on Software Process Simulation and Modeling, SPW/ProSim 2006. Proceedings (Lecture Notes in Computer Science Vol.3966)*, Shanghai, China (May 2006).
- Humphrey, Watts S. "Sweet Predictability—Software Quality." *Software Development Magazine*, 2 (February 2006): 30-35.
- Humphrey, Watts S. "The Software Process: Global Goals." *Lecture Notes in Computer Science*, 3840 (2006). Springer-Verlag GmbH, ISSN: 0302-9743.
- Humphrey, Watts S. "The World is Getting Soft." *Frontier Journal*, 3, 12 (December 2006).
- Humphrey, Watts S. *Systems of Systems: Scaling Up the Development Process*, CMU/SEI-2006-TR-017, ADA455814. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2006. <http://www.sei.cmu.edu/library/abstracts/reports/06tr017.cfm>
- Humphrey, Watts S. *TSP: Coaching Development Teams*. Upper Saddle River, NJ: Addison-Wesley Publishers, 2006 (ISBN: 0201731134).  
<http://www.sei.cmu.edu/library/abstracts/books/201731134.cfm>

- Humphrey, Watts S. *TSP: Leading a Development Team*. Upper Saddle River, NJ: Addison-Wesley Publishers, 2006 (ISBN: 0321349628).  
<http://www.sei.cmu.edu/library/abstracts/books/0321349628.cfm>
- Kamatar, Jagadish & Schoedel, Rob. "The TSP Story at Microsoft IT." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Konrad, Mike. "MISC PMT: Combining TSP and CMMI Should Mean More Than Just an Anagram." *Proceedings of the TSP Symposium* (September 2006).  
[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Mukesh Jain. "Delivering Successful Projects With Challenges of New Teams." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Paulk, Mark C. "Factors Affecting Personal Software Quality." *CrossTalk*, 19, 3 (March 2006).  
<http://www.stsc.hill.af.mil/crosstalk/2006/03/0603Paulk.html>
- Pomeroy-Huff, Marsha. "Maturing the PSP: Developing a Body of Knowledge and Professional Certification for PSP-Trained Software Developers." *CrossTalk*, 19, 3 (March 2006).  
<http://www.stsc.hill.af.mil/crosstalk/2006/03/0603PomeroyHuff.html>
- Saint-Amand, David. "Process Improvement at NAVAIR Using TSP and CMM." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Schoedel, Rob. *PROxy Based Estimation (PROBE) for Structured Query Language (SQL)*, CMU/SEI-2006-TN-017, ADA452977. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2006.  
<http://www.sei.cmu.edu/library/abstracts/reports/06tn017.cfm>
- Seshagiri, Girish. "Process Improvement Proposals (PIPs) Organization, Team, Individual." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Starnes, Orville. "47.9346721 Percent of Data is Made Up." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Tonneberger, Rob. "A PSP Commercial Project." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Van Duine, Dan S. "Experiences Integrating PSP and TSP with Six Sigma." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Wall, Dan. "Using the TSP in a Systems Engineering Environment." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)
- Wang, Qing; Xiao, Junchao; Li, Mingshu; Nisar, M. W; Yuan, Rong; & Zhang, Lei. "A Process-Agent Construction Method for Software Process Modeling in SoftPM," 204-13. *Software Process Change, International Software Process Workshop and International Workshop on Soft-*



ware Process Simulation and Modeling, SPW/ProSim 2006. *Proceedings (Lecture Notes in Computer Science Vol.3966)*, Shanghai, China (May 2006).

Weaver, Susan. "Observations from Just Beyond TSP: One Implementation." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Webb, David R.; Lipkin, Ilya; & Samurin-Shraer, Evgeniy. "Designing in UML With the Team Software Process." *CrossTalk*, 19, 3 (March 2006).  
<http://www.stsc.hill.af.mil/crosstalk/2006/03/0603WebbLipkinShraer.html>

White, David. "SEI Licensing." *Proceedings of the TSP Symposium* (September 2006).  
[http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Willett, Alan W. "Tools of the Change Warrior." *Proceedings of the TSP Symposium* (September 2006). [http://www.sei.cmu.edu/tsp\\_symposium/](http://www.sei.cmu.edu/tsp_symposium/)

Youngkyu, Hyuncheol; Park, Hojin Choi; & Jongmoon, Baik. "A Study on the Application of Six Sigma Tools to PSP/TSP for Process Improvement," 174-179. *Proceedings of the 5th IEEE/ACIS International Conference on Computer Information Science*, Honolulu, HI (July 2006).

## 2005

Barbara, Abdul & Potter, John. "Adapting the Personal Software Process (PSP) to Formal Methods," 192-201. *Proceedings of the Australian Software Engineering Conference, ASWEC*, Brisbane, Australia (March 2005).

Ding, Liping; Yang, Qiusong; Sun, Liang; Tong, Jie; & Wang, Yongji. "Evaluation of the Capability of Personal Software Process Based on Data Envelopment Analysis" 235-248. *Unifying the Software Process Spectrum, International Software Process Workshop, SPW 2005. Revised Selected Papers (Lecture Notes in Computer Science 3840)*, Beijing, China (May 2005).

George, Ellen & Janiszewski, Steve. "Applying Functional TSP to a Maintenance Project." *CrossTalk* (September 2005).  
<http://www.stsc.hill.af.mil/crosstalk/2005/09/0509GeorgeJanisweski.html>

Grojean, Carol A. "Microsoft's IT Organization Uses PSP/TSP to Achieve Engineering Excellence." *CrossTalk* (March 2005).

Humphrey, Watts S. & Kripalani, Manjeet. "Watts Humphrey: He Wrote The Book On Debugging." Interview in Bangalore, with Otis Port in New York. *Business Week Online*, May 2005.  
[http://www.businessweek.com/magazine/content/05\\_19/b3932038\\_mz009.htm](http://www.businessweek.com/magazine/content/05_19/b3932038_mz009.htm)

Humphrey, Watts S. "A Personal Quality Strategy." Watts New? columns, *news@sei*, 2005.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew20051.cfm>

Humphrey, Watts S. "Acquiring Quality Software." *CrossTalk*, 18, 12 (December 2005): 19-23.

- Humphrey, Watts S. "Large-Scale Work—Part I: The Organization." Watts New? columns, *news@sei*, 2005. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew200701.cfm>
- Humphrey, Watts S. "Large-Scale Work—Part II: The Project." Watts New? columns, *news@sei*, August 2005. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew20053.cfm>
- Humphrey, Watts S. "Large-Scale Work—Part III: The People." Watts New? columns, *news@sei*, 2005. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew20054.cfm>
- Humphrey, Watts S. "Unifying the Software Process Spectrum," 235-248. *Proceeding of the International Software Process Workshop, SPW 2005*, Revised Selected Papers (Lecture Notes in Computer Science 3840), Beijing, China (May 2005).
- Humphrey, Watts S. "Why Big Software Projects Fail: The 12 Key Questions." *Crosstalk*, 18, 3 (March 2005): 25-29.  
<http://www.betterprojects.net/2009/09/why-big-software-projects-fail-12-key.html>
- Humphrey, Watts S. *Safety-Critical Systems and the TSP*, CMU/SEI-2005-TN-011, ADA442856. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2005. <http://www.sei.cmu.edu/library/abstracts/reports/05tn011.cfm>
- Koch, Alan S. "TSP Can Be the Building Blocks for CMMI." *CrossTalk*, 18 (March 2005).
- Lappalainen, Jouni. "Tool Support for Personal Software Process," 545-559. *Lecture Notes in Computer Science*, 3547 (2005).
- Nasir, M. H. N. M. & Yusof, A. M. "Automating a Modified Personal Software Process." *Malaysian Journal of Computer Science*, 18, 2 (December 2005): 11-27. ISSN: 0127-9084.
- Pomeroy-Huff, Marsha; Mullaney, Julia; Cannon, Robert; & Sebern, Mark. *The Personal Software Process (PSP) Body of Knowledge, Version 1.0*, CMU/SEI-2005-SR-003, ADA441905. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2005. <http://www.sei.cmu.edu/library/abstracts/reports/05sr003.cfm>
- Ricketts, Chris A. "A TSP Software Maintenance Life Cycle." *CrossTalk* (March 2005).
- Rozanc, I. & Mahnic, V. "Teaching Software Quality with Emphasis on PSP," Language: Slovenia. *Organizacija*, 38, 8 (October 2005): 454-64.
- Sebern, M. J. & Hilburn, T. B. "Integrating Software Engineering Process in an Undergraduate Curriculum," 245-248. *Proceedings 18th Conference on Software Engineering Education & Training*, Ottawa, Ontario, Canada (April 2005).
- Sebern, Mark J. "Software Process: Applying Industrial-Strength Methods in Engineering Education," 12829-12846. *Proceedings of the 2005 ASEE Annual Conference and Exposition: The Changing Landscape of Engineering and Technology Education in a Global World*, Portland, OR (June 2005).



Sison, Raymund; Diaz, David; Lam, Eliska; Navarro, Dennis & Navarro, Jessica. "Personal Software Process (PSP) Assistant," 687-694. *Proceedings—12th Asia-Pacific Software Engineering Conference, APSEC'05*, Taipei, Taiwan (December 2005).

Trechter, Ray & Hirmanpour, Iraj. "Experiences With the TSP Technology Insertion." *CrossTalk* (March 2005).

Tuma, David & Webb, David R. "Personal Earned Value: Why Projects Using the Team Software Process Consistently Meet Schedule Commitments." *CrossTalk* (March 2005).

Wall, Daniel S.; McHale, James; & Pomeroy-Huff, Marsha. *Case Study: Accelerating Process Improvement by Integrating the TSP and CMMI*, CMU/SEI-2005-SR-012, ADA456872. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2005.  
<http://www.sei.cmu.edu/library/abstracts/reports/05sr012.cfm>

## 2004

Basili, Victor R.; Boehm, Barry; Davis, Al; Humphrey, Watts S.; Leveson, Nancy; Mead, Nancy R.; Musa, John D.; Parnas, David Lorge; Pfleeger, Lawrence, Shari; & Weyuker, Elaine. "New Year's Resolutions for Software Quality." *IEEE Software*, 21, 2 (January/February 2004): 12-13.

Davila-Nicanor, L. & Mejia-Alvare, P. "Reliability improvement of Web-based software applications," 180-188. *Proceedings. Fourth International Conference on Quality Software*, Braunschweig, Germany (September 2004).

Davis, Noopur; Humphrey, Watts S.; Redwine, Samuel T.; Zibulski, Gerlinde; & McGraw, Gary "Processes for Producing Secure Software: Summary of US National Cybersecurity Summit Subgroup Report." *IEEE Security & Privacy*, 2, 3 (May/June 2004): 18-25.

Fang, Min; Jing, Yin; & Minghui, Wu. "Effective Elements of Integrated Software Development Process Supported Platform, 368-377. *Computer Supported Cooperative Work in Design I. Proceedings of the 8th International Conference, CSCWD 2004*. Xiamen, China (May 2004).

Fang, Min; Ying, Jin; Wu, Minghui. "A Framework of Workflow-Based Software Development process supported platform," 379-383. *Proceedings of the 8th International Conference on Computer Supported Cooperative Work in Design*, Xiamen, China (May 2004).

Humphrey, Watts S. ." Defective Software Works." Watts New? columns, *news@sei*, 2004.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew20041.cfm>

Humphrey, Watts S. "Security Changes Everything." Watts New? columns, *news@sei*, 2004.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew20042.cfm>

Humphrey, Watts S. "The Quality Attitude." Watts New? columns, *news@sei*, 2004.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew20043.cfm>

McHale, James & Wall, Daniel S. *Mapping TSP to CMMI*, CMU/SEI-2004-TR-014, ADA441876. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2004. <http://www.sei.cmu.edu/library/abstracts/reports/04tr014.cfm>

Pracchia, Lisa. "The AV-8B Team Learns Synergy of EVM and TSP Accelerates Software Process Improvement." *CrossTalk*, 17 (January 2004).

Serrano, Miguel A. & Montes de Oca, Carlos. "Using the Team Software Process in an Outsourcing Environment." *CrossTalk*, 17 (March 2004).

## 2003

Bozheva, T. "Practical Aspects of XP Practices," 360-362. *Proceedings 4th International Conference XP 2003—Extreme Programming and Agile Processes in Software Engineering (Lecture Notes in Computer Science 267525-29*, Genova, Italy (May 2003).

Car, Zilijka. "A Method for Teaching a Software Process Based on the Personal Software Process," 1115-1120. *Proceedings of the 21st IASTED International Multi-Conference on Applied Informatics*, Innsbruck, Austria (February 2003).

Davis, Noopur & Mullaney, Julia. *The Team Software Process (TSP) in Practice: A Summary of Recent Results*, CMU/SEI-2003-TR-014, ADA418430. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2003. <http://www.sei.cmu.edu/library/abstracts/reports/03tr014.cfm>

Humphrey, Watts S. "Some Programming Principles: People." Watts New? columns, *news@sei*, 2003. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew4q03.cfm>

Humphrey, Watts S. "Some Programming Principles: Products." Watts New? columns, *news@sei*, 2003. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew2q03.cfm>

Humphrey, Watts S. "Some Programming Principles: Projects." Watts New? columns, *news@sei*, 2003. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew3q03.cfm>

Humphrey, Watts S. "Some Programming Principles: Requirements." Watts New? columns, *news@sei*, 2003. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew1q03.cfm>

Johnson, Philip; Kou, Hongbing; Agustin, Joy; Chan, Christopher; Moore, Carleton; Jitender, Jitender; Zhen, Shenyan; & Doane, William E. J. "Beyond the Personal Software Process: Metrics Collection and Analysis for the Differently Disciplined," 641-646. *Proceedings International Conference on Software Engineering*. Portland, OR (May 2003).

Rozanc, I. & Mahnic, V. "Capability Maturity Model (CMM) Application in Small Software Organizations," (Language: Slovenian). *Elektrotehniski Vestnik*, 70, 3 (2003): 149-54.

Stark, J. A. & Crocker, R. "Trends in Software Process: The PSP and Agile Methods." *IEEE Software*, 20, 3 (May-June 2003): 89-91.

Tomayko, James. "Scientific Management Meets the Personal Software Process," *IEEE Software*, 20, 2 (March-April 2003): 12-14.

Yuan, Xiaohong. "An Experience Report on Teaching the Personal Software Process," 810-815. *Proceedings of the International Conference on Software Engineering Research and Practise*, 2, Las Vegas, NV (June 2003).

## 2002

Abrahamsson, P. & Kautz, K. "Personal Software Process: Classroom Experiences from Finland," 175-185. *Proceedings, ECSQ 2002, Quality Connection—7th European Conference on Software Quality*. Lecture Notes in Computer Science Vol.2349, Helsinki, Finland (June 2002).

Borstler, J.; Carrington, D.; Hislop, G. W.; Lisack, S.; Olson, K.; & Williams, L. "Teaching PSP: Challenges and Lessons Learned," *IEEE Software*, 19, 5 (September-October 2002): 42-8.

Davis, Noopur. "Using the TSP to Implement the CMM." *CrossTalk* (September 2002).

Heemstra, F. & Kusters, R. "People CMM and Team CMM, New Shoots on the CMM Stem," (Language: Dutch). *Informatie*, 44 (March 2002): 22-29.

Hefley, Bill; Schwalb, Jeff; & Pracchia, Lisa. "AV-8B's Experience Using the TSP to Accelerate SW-CMM Adoption." *CrossTalk* (September 2002).

Hilburn, Thomas B. & Humphrey, Watts S. "Teaching Teamwork." *IEEE Software* 19, 5 (2002): 72-77. <http://doi.ieeecomputersociety.org/10.1109/MS.2002.1032857>

Humphrey, Watts S. & Hilburn, T. B. "The Impending Changes in Software Education." *IEEE Software special issue on education*, *IEEE Software*, 19, 5 (September/October 2002): 22-24.

Humphrey, Watts S. "Extreme Programming as a Teaching Process." *Extreme Programming and Agile Methods—XP/Agile Universe 2002*. Lecture Notes in Computer Science, Springer Berlin / Heidelberg, ISSN: 0302-9743. Volume 2418/2002. January 2002.

Humphrey, Watts S. "Learning from Hardware: Design and Quality." Watts New? columns, *news@sei*, 2002. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew4q02.cfm>

Humphrey, Watts S. "Learning from Hardware: Planning." Watts New? columns, *news@sei*, 2002. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew3q02.cfm>

Humphrey, Watts S. "Surviving Failure." Watts New? columns, *news@sei*, 2002. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew2q02.cfm>

Humphrey, Watts S. "The Future of Software Engineering: V." Watts New? columns, *news@sei*, 2002. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew4q01.cfm>

Humphrey, Watts S. "The Payoff From Software Quality." *Computerworld*, 36, 21 (May 2002): 49.

Humphrey, Watts S. "The TSP Builds Teams and Successful Software," guest editorial for *CrossTalk*, special issue on TSP. *CrossTalk* (September 2002): 3.

Humphrey, Watts S. "Three Process Perspectives: Organization, Teams, and People." *Annals of Software Engineering*, 14 (2002): 39-72.

McHale, Jim. "TSP: Process Costs and Benefits." *CrossTalk* (September 2002).

Montes de Oca, Carlos & Serrano, Miguel A. "Managing a Company Using TSP Techniques." *CrossTalk* (September 2002).

Musson, Robert. "How the TSP Impacts the Top Line." *CrossTalk* (September 2002).

O'Connor, Rory & Coleman, Gerry. "Strategies for Personal Process Improvement—a comparison," 1036-1040. *Proceedings of the ACM Symposium on Applied Computing*, Madrid, Spain (March 2002).

Webb, David R. "All the Right Behavior." *CrossTalk* (September 2002).  
<http://www.stsc.hill.af.mil/crosstalk/2002/09/webb.html>

Webb, David R. "PSP Addicts Anonymous." *CrossTalk* (September 2002).  
<http://www.stsc.hill.af.mil/crosstalk/2002/09/backtalk.html>

## 2001

Carrington, D.; McEniery, B.; & Johnston, D. "PSP in the Large Class," 81-88. *Proceedings 14th Conference on Software Engineering Education and Training*, Charlotte, NC (February 2001).

Humphrey, Watts S. "A Personal Commitment to Software Quality," 5-7. *ESEC '95, Proceedings, 5th European Software Engineering Conference: Part: Sitges* (September 1995).

Humphrey, Watts S. "Engineers Tolerate a Lot of Abuse." IEEE Manager's Column, *IEEE Software* (September/October 2001): 13-15.

Humphrey, Watts S. "Tendencias Segundo." *Qualidade e Produtividade em Software*. Pearson Education do Brasil. Makron Books Ltd., Sao Paulo, 51-56 (2001).

Humphrey, Watts S. "The Future of Software Engineering I." Watts New? columns, *news@sei*, 2001. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew1q01.cfm>

Humphrey, Watts S. "The Future of Software Engineering II." Watts New? columns, *news@sei*, 2001. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew2q01.cfm>

Humphrey, Watts S. "The Future of Software Engineering III." Watts New? columns, *news@sei*, 2001. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/watts3q01.cfm>

Humphrey, Watts S. "The Future of Software Engineering IV." Watts New? columns, *news@sei*, 2001. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsnew4q01.cfm>

Koch, Alan S. "Personal Quality Management with the Personal Software Process," 43. *Proceedings 14th Conference Software Engineering Education and Training*. Charlotte, NC (February 2001).

Maletic, J. I.; Howald, A.; & Marcus, A. "Incorporating PSP into a Traditional Software Engineering Course: An Experience Report," 89-97. *Proceedings 14th Conference on Software Engineering Education and Training*, "In search of a software engineering profession, Charlotte, NC, February 2001.

Prechelt, L. & Unger, B. "An Experiment Measuring the Effects of Personal Software Process (PSP) Training." *IEEE Transactions on Software Engineering*, 27, 5 (May 2001).

Rosca, D.; Li, Chao-Ying; Moore, K.; Stephan, M.; & Weiner, S. "PSP-EAT-Enhancing a Personal Software Process Course." *Proceedings 31st Annual Frontiers in Education Conference. Impact on Engineering and Science Education*, Reno, NV (October 2001).

Runeson, P. "Experiences from Teaching PSP for Freshmen," 98-107. *Proceedings 14th Conference on Software Engineering Education and Training*, Charlotte, NC, February 2001.

## **2000**

Goth, Greg. "The Team Software Process: A Quite Quality Revolution." *IEEE Software* (November/December 2000): 125-127.

Green, G. C. & Hevner, A. R. "The Successful Diffusion of Innovations: Guidance for Software Development Organizations." *IEEE Software*, 17, 6 (November-December 2000): 96-103.

Hendriks, P. "Quality Care of Software Development," (Language: Dutch). *Informatie*, 42 (November 2000): 20-27.

Hilburn, Thomas B. & Towhidnejad, Massood. "Software Quality: A Curriculum Postscript?" 167-171. *SIGCSE Bulletin (Association for Computing Machinery, Special Interest Group on Computer Science Education)*, Austin, TX 2000 (March 2000).

Humphrey, Watts S. & Cross, Steve. "High-Tech Warranty Project Comment 994413." Federal Trade Commission Warranty Protection for High-Tech Products and Services, Public Comments (2000).

Humphrey, Watts S. "Building Productive Teams." *Crosstalk, The Journal of Defense Software Engineering*, 13, 6 (June 2000): 4-6. <http://www.stsc.hill.af.mil/crosstalk/2000/06/humphrey.html>

Humphrey, Watts S. "Comments on eXtreme Programming," *IEEE Computer Society Dynabook* 2000.

Humphrey, Watts S. "Justifying a Process Improvement Proposal." Watts New? columns, *news@sei*, 2000. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsmar00.cfm>

Humphrey, Watts S. "Making the Tactical Case for Process Improvement." Watts New? columns, *news@sei*, 2000. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsspring00.cfm>

Humphrey, Watts S. "Moving the Goal Posts." Watts New? columns, *news@sei*, 2000. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattssum00.cfm>

Humphrey, Watts S. "Putting Engineering Into Software." Software Engineering Education and Training Annual Conference 00 in Chennai, India (February 2000).

Humphrey, Watts S. "Software—A Performing Science?" *Annals of Software Engineering, Springer Netherlands*, 10 (2000): 261-271.

Humphrey, Watts S. "The Personal Software Process (PSP) Status and Trends." *IEEE Software*, 17, 6 (November/December 2000): 71-75.

Humphrey, Watts S. *The Personal Software Process (PSP)*, CMU/SEI-2000-TR-022, ADA387268. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2000. <http://www.sei.cmu.edu/library/abstracts/reports/pdf/00tr022.cfm>

Humphrey, Watts S. *The Team Software Process (TSP)*, CMU/SEI-2000-TR-023, ADA387279. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2000. <http://www.sei.cmu.edu/library/abstracts/reports/pdf/00tr023.cfm>

Kamatar, J. & Hayes, W. "An experience report on the personal software process." *IEEE Software*, 17, 6 (November-December 2000): 85-9.

McAndrews, Donald. *The Team Software Process: An Overview and Preliminary Results of Using Disciplined Practices*, CMU/SEI-2000-TR-015, ADA387260. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 2000. <http://www.sei.cmu.edu/library/abstracts/reports/pdf/00tr015.cfm>

Moore, C. A. "Lessons learned from teaching reflective software engineering using the Leap toolkit," 672-675. *Proceedings of the 2000 International Conference on Software Engineering, ICSE 2000 the New Millennium*, Limerick, Ireland (June 2000).

Morisio, M. "Applying the PSP in industry." *IEEE Software*, 17, 6 (November-December 2000): 90-5.

Seshagiri, G. "Making Quality Happen: The Manager's Role." *CrossTalk*, 13 (June 2000).

Starrett, Elizabeth. "PSP: Fair Warning." *CrossTalk*, 13 (June 2000). <http://www.stsc.hill.af.mil/crosstalk/2000/06/starrett.html>

Webb, D. "Managing Risk with the TSP." *CrossTalk*, 13 (June 2000). <http://www.stsc.hill.af.mil/crosstalk/2000/06/webb.html>

Wesslén, Anders. "A Replicated Empirical Study of the Impact of the Methods in the PSP on Individual Engineers." *Empirical Software Engineering*, 5, 2 (2000): 93-123.  
<http://www.springerlink.com/content/n328577q1m886161/>

Xiaoming, Zhong; Madhaavji, Nazim; & El Emam, Khaled. "Critical Factors Affecting Personal Software Process." *IEEE Software*, 17 6 (November/December 2000): 76-83.

## 1999

Anneberg, L. & Ferguson, Roger. "Personal Software Process (PSP) Concept Applied to Beginning Engineers," 3955-3959. ASEE Annual Conference Proceedings: Engineering Education to Serve the World, Charlotte, NC (June 1999).

Brown, Winsor A. "Personal Software Engineering Project Management Process," 669-670. *Proceedings of the 1999 International Conference on Software Engineering*, Los Angeles, CA (May 1999).

Cardino, G. & Valerio, A. "Tailoring Process Improvement to Small Companies Using A Methodology Focused on the Individuals," 497-507. *Proceedings of the International Conference on Product Focused Software Process Improvement (VTT Symposium 195)*, Oulu, Finland (June 1999).

Dick, M.; Postema, M.; Miller, J.; & Cuce, S. "Personal Assistant for Software Engineers-relieving software engineering tedium," 282-287. *Proceedings of the 3rd Annual IASTED International Conference Software Engineering and Applications (SEA'99)*, Scottsdale, AZ (October 1999).

Gotterbarn, D. "Cleanroom, PSP, and the Software Development Impact Statement: Developing the Right Attitude," 80-99. *Proceedings of 12th Conference on Software Engineering Education and Training*, New Orleans, LA (March 1999).

Hilburn, T. B. "PSP Metrics in Support of Software Engineering Education," 135-136. *Proceedings 12th Conference on Software Engineering Education and Training*, New Orleans, LA (March 1999).

Hislop, Gregory W. "Teaching Process Improvement in A Graduate Software Engineering Course," 12a9-21. *Proceedings of the 29th Annual Frontiers in Education Conference: 'Designing the Future of Science and Engineering Education*, San Juan, Puerto Rico (November 1999).

Humphrey, Watts S. & Webb, Dave. "Using the TSP on the TaskView Project." *Crosstalk, The Journal of Defense Software Engineering*, 12, 2 (February 1999): 1-13.

Humphrey, Watts S. "Bugs or Defects." Watts New? columns, *news@sei*, March 1999.  
<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsmar99.cfm>



Humphrey, Watts S. "Competing in the Software Age." Videotape, Software Engineering Institute, Carnegie Mellon University (December 1999).

<http://www.sei.cmu.edu/library/abstracts/videos/watts1999.cfm>

Humphrey, Watts S. "Doing Disciplined Work." Watts New? columns, *news@sei*, June 1999.

<http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsjun99.cfm>

Humphrey, Watts S. "Getting Management Support for Process Improvement." Watts New? columns, *news@sei*, 1999. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattssep99.cfm>

Humphrey, Watts S. "Making the Strategic Case for Process Improvement." Watts New? columns, *news@sei*, 1999. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsdec99.cfm>

Humphrey, Watts S. "Pathways to Process Maturity: The Personal Software Process and Team Software Process." *news@sei*, 1999.

<http://www.sei.cmu.edu/library/abstracts/news-at-sei/backgroundjun99pdf.cfm>

Humphrey, Watts S. "Putting Engineering Into Software." *Proceedings of the European Software Engineering Process Group Conference*, Amsterdam, The Netherlands (June 1999).

Johnson, Philip M. & Disney, Anne M. "Critical analysis of PSP data quality: Results from a case study." *Empirical Software Engineering*, 4, 4 (December 1999): 317-349. ISSN: 1382-3256.

Phipps, Geoffrey. "Comparing observed bug and productivity rates for Java and C++." *Software—Practice and Experience*, 29, 4 (April 1999): 345-358.

<http://www.lanl.gov/projects/CarlaBlanca/webdocs/PhippsPaperOnJavaEfficiency.pdf>

## 1998

Albuquerque, J.; Coelho, C.; & Meira, S. "Practical Limits of the PSP Model," 95-100. *Proceedings of the Symposium on Software Technology, Process Improvement: Putting Software Engineering to Work*, Buenos Aires, Argentina (September 1998).

Coleman, G. & Verbruggen, R. "A Quality Software Process for Rapid Application Development." *Software Quality Journal*, 7, 2 (June 1998): 107-22.

Coleman, G. & Verbruggen, R. "A Quality Software Process for Rapid Application Development," 241-259. Sixth International Conference on Software Quality Management, Quality Improvement Issues, Amsterdam, Netherlands (April 1998).

Disney, A. M. & Johnson, P. M. "Investigating Data Quality Problems in the PSP." *Software Engineering Notes*, 23, 6 (November 1998): 143-52.

Disney, A. M. & Johnson, P. M. "Investigating Data Quality Problems in the PSP," 3-5. *ACM-SIGSOFT'98. Sixth International Symposium on the Foundations of Software Engineering*, Lake Buena Vista, FL (November 1998).



Escala, David. "Metric Suite for a Team PSP," 89-92. *Proceedings of the 1998 5th International Software Metrics Symposium* (November 1998).

Guido, C.; Baruchelli, F.; & Valerio, A. "Improving Small Companies' Development Process Through the Adoption of the Personal Software Process," 125-33. *Proceedings of CONQUEST-2. Second Conference on Quality Engineering in Software Technology Proceedings*, Nurnberg, Germany (September 1998).

Hayes, Will. "Using a Personal Software Process to Improve Performance," 61-71. *Proceedings of the Fifth International Software Metrics Symposium* (November 1998).

Holmes, J. S. & Melhart, B. E. "A Phased Approach to the PSP," 289-299. *Proceedings of the Sixteenth Annual Pacific Northwest Software Quality Conference Joint ASQ Software Division's Eighth International Conference on Software Quality*, Portland, OR (October 1998).

Hou, Lily & Tomayko, James. "Applying the Personal Software Process in CS1: An Experiment," 322-325. *Proceedings of the 29th SIGCSE Conference—Integrating Technology into Computer Science Education, ITiCSE*, Atlanta, GA (February 1998).

Humphrey, Watts S. & Singpurwalla, Nozer D. "A Bayesian Approach for Assessing Software Quality and Productivity." *International Journal of Reliability, Quality, and Safety Engineering*, 5, 2 (1998): 195-209.

Humphrey, Watts S. "Making Team Plans." *Watts New? columns, news@sei*, December 1998. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsdec98.cfm>

Humphrey, Watts S. "The Software Quality Profile." *Software Quality Professional*, 1, 1 (1998): 8-18.

Humphrey, Watts S. "Three Dimensions of Process Improvement, Part III: The Team Process." *Crosstalk, The Journal of Defense Software Engineering*, 11, 4 (April 1998): 14-17. <http://www.stsc.hill.af.mil/crosstalk/1998/04/dimensions.asp>

Humphrey, Watts S. "Three Dimensions of Process Improvement, Part II: The Personal Process." *Crosstalk, The Journal of Defense Software Engineering*, 11, 3 (March 1998): 13-15. <http://www.protacticsinc.com/pdfs/PSPPart2.pdf>

Humphrey, Watts S. "Three Dimensions of Process Improvement, Part I: Process Maturity." *Crosstalk, The Journal of Defense Software Engineering*, 11, 2 (February 1998): 14-17. <http://www.stsc.hill.af.mil/crosstalk/1998/02/processimp.asp>

Humphrey, Watts S. "Why Does Software Work Take So Long?" *Watts New? news@sei*, June 1998. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattsjun98.cfm>

Humphrey, Watts S. "Why Don't They Practice What We Preach?" *Annals of Software Engineering*, 6 (1998): 201-222.

Humphrey, Watts S. "Why Don't They Practice What We Preach?" Software Engineering Institute, Pittsburgh, PA, 1998. <http://www.sei.cmu.edu/library/abstracts/whitepapers/Why-Dont-They-Practice-What-We-Preach.cfm>

Humphrey, Watts S. "Your Date Or Mine?." Watts New? columns, *news@sei*, 1, September 1998. <http://www.sei.cmu.edu/library/abstracts/news-at-sei/wattssep98.cfm>

Johnson, P. M. & Disney, A. M. "The Personal Software Process: A Cautionary Case Study." *IEEE Software*, 15, 6 (November-December 1998): 85-88.

Kopanas, V. & Karvounidis, T. "Industrial Experiences from Introducing the Personal Software Process (PSP)," 114-124. *Proceedings of CONQUEST-2, Second Conference on Quality Engineering in Software Technology*, Nurnberg, Germany (September 1998).

Silberberg, D. "Applying the Personal Software Process (PSP) with Ada." *Ada Letters*, 18, 6 (November-December 1998): 219-228.

Wohlin, Claes & Wesslen, Anders. "Understanding Software Defect Detection in the Personal Software Process," 49-58. *Proceedings of the International Symposium on Software Reliability Engineering, ISSRE*, Paderborn, Germany (November 1998).

Xiangdong, Che; Hong, Xu; Yunying, Ma; & Youcheng, Liu. "Empirical Study of Personal Software Process," (Language: Chinese). *Journal of Beijing University of Aeronautics and Astronautics*, 24, 4 (August 1998): 426-429.

Yarar, H. & Kuru, S. "Computer assisted Personal Software Process," 37-44. *Proceedings of the European Software Measurement Conference, FESMA 98, Business Improvement through Software Measurement (A continuation of ESCOM: European Software Control and Measurement Conference)*. *Proceedings*, Antwerp, Belgium (May 1998).

## 1997

Ferguson, Pat; Humphrey, Watts S.; Khajenoori, Soheil; Macke, Susan; & Matvya, Annette. "Results of Applying the Personal Software Process." *IEEE Computer*, 30, 5 (May 1997): 24-31. <http://www.computer.org/portal/web/csdl/doi/10.1109/2.589907>

Hayes, Will & Over, James. *The Personal Software Process (PSP): An Empirical Study of the Impact of PSP on Individual Engineers*, CMU/SEI-97-TR-001, ADA335543. Carnegie Mellon University, Software Engineering Institute, Carnegie Mellon University, 1997. <http://www.sei.cmu.edu/library/abstracts/reports/pdf/97tr001.cfm>

Hilburn, Thomas B. & Towhidnejad, Masood. "Doing Quality Work: The Role of Software Process Definition in the Computer Science Curriculum," 277-281. *Proceedings of the 28th SIGCSE Technical Symposium on Computer Science Education*, San Jose, CA (February 1997).

Hilburn, Thomas B. "Software Engineering Education: A Modest Proposal." *IEEE Software*, 14, 6 (November-December 1997): 44-48.

Hilburn, Tom; Coxon, Jed; McCracken, Mike; Over, Jim; Towhidnejad, Massood; & Umphress, David. "Panel: The Personal Software Process in Computing Curricula," 98-99. *Proceedings of the 10th Conference on Software Engineering Education & Training*, Virginia Beach, VA (April 1997).

Humphrey, Watts S. "Comments on Software Quality: A Letter to the Uniform Code Commission (UCC) 2B Drafting Committee (NCCUSL) Meeting" (August 1997).

Humphrey, Watts S. "Defective Software or Defective Law," a sidebar to an ACM article on the new Uniform Commercial Code Article 2B, comments to the Federal Trade Commission for its hearing on software warranties and consumer protection, 1997.

Humphrey, Watts S. "Estimating with Objects—Part IX." *SIGS Journal, Object Currents* (March 1997).

Humphrey, Watts S. "Estimating with Objects—Part VII." *SIGS Journal, Object Currents*, 2, 1 (January 1997).

Humphrey, Watts S. "Estimating with Objects—Part VIII." *SIGS Journal, Object Currents* (February 1997).

Humphrey, Watts S. "Estimating with Objects—Part X." *SIGS Journal, Object Magazine* (April 1997).

Humphrey, Watts S. "Estimating with Objects—Part XI," *SIGS Journal, Object Currents* (May 1997).

Humphrey, Watts S. "Power Politics, and the Software Process." *American Programmer*, 10, 5 (May 1997): 4-8.

Humphrey, Watts S. "Software Industry Must Follow Same Quality Principles as Other Technological Industries." *Software Quality Matters*, 5, 4 (Winter 1997).

Humphrey, Watts S. "The Personal Software Process—A Tool for Education," 11. *27 Annual 1997 ASEE/IEEE Conference Frontiers in Education, Teaching and Learning in an Era of Change, IEEE Software Proceedings*, Pittsburgh, PA (1997).

Humphrey, Watts S. "The World Is Getting Soft." *Applied Compute Research, Managing System Development*, 17, 1 (January 1997): 5-9.

Humphrey, Watts S. "Using PSP and TSP Data to Manage Software Quality," 177-181. *Proceedings of the 22nd Annual Software Engineering Workshop*. Goddard Space Flight Center Greenbelt, MD, December 1997.

Humphrey, Watts S. "What Do We Know About Programming?" 224-232. *Proceedings of the 7th Workshop on Empirical Studies of Programmers*, Alexandria, VA (October 1997).

Humphrey, Watts S.; Over, J. W.; Dow, H. E.; & Rosander, G. M. "Introducing the PSP at Digital Equipment Corp.: A Case Study," 645-646. *Proceedings of the 1997 International Conference on Software Engineering* (May 1997).

Keuffel, Warren. "Coding Cowboys and Software Processes." *Software Development*, 5, 6 (June, 1997): 28.

Leslie Goff. "School's in for Summer (Summer Courses for IS Professionals)." *Computerworld*, 31, 18 (May 1997): 76.

Syu, Inien; Salimi, Aboalfazl; Towhidnejad, Massood; & Hilburn, Thomas B. "Web-Based System for Automating a Disciplined Personal Software Process (PSP)," 86-96. *Proceedings of the 10th Software Engineering Education & Training Conference*, Virginia Beach, VA (April 1997).

## 1996

Ceberio-Verghese, A. C. "Personal Software Process: A User's Perspective," 52-65. *Proceedings of the 9th Conference on Software Engineering Education*. Daytona Beach, FL (April 1996).

Humphrey, Watts S. "Credibility and Commitment." *SIGS Journal, Object Currents*, 1, 3 (March 1996).

Humphrey, Watts S. "Estimating with Objects—Part I." *SIGS Journal, Object Currents*, 1, 7 (July 1996).

Humphrey, Watts S. "Estimating With Objects—Part II." *SIGS Journal, Object Currents*, 1, 8 (August 1996).

Humphrey, Watts S. "Estimating with Objects—Part III," *SIGS Journal, Object Currents*, 1, 9 (September 1996).

Humphrey, Watts S. "Estimating with Objects—Part IV." *SIGS Journal, Object Currents*, 1, 10 (October 1996).

Humphrey, Watts S. "Estimating with Objects—Part V," *SIGS Journal, Object Currents*, 1, 11 (November 1996).

Humphrey, Watts S. "Estimating with Objects—Part VI." *SIGS Journal, Object Currents*, 1, 12 (December 1996).

Humphrey, Watts S. "Making Software Manageable." *Crosstalk, the Journal of Defense Software Engineering*, 9, 12 (December 1996): 3-6.

<http://www.stsc.hill.af.mil/crosstalk/1996/12/xt96d12a.asp>

Humphrey, Watts S. "The Changing World of Software." *SIGS Journal, Object Currents*, 1, 1 (January 1996).

Humphrey, Watts S. "The PSP and Personal Project Estimating." *American Programmer*, 9, 6 (June 1996): 2-15.

Humphrey, Watts S. "Using a Defined and Measured Personal Software Process." *IEEE Software*, 13, 3 (May 1996): 77-88. <http://www.computer.org/portal/web/csdl/doi/10.1109/52.493023>

Humphrey, Watts S. "What If Your Life Depended on Software? An Introduction to Software Process." Broadcast on MBONE 1 in March 1996, CERN Council Chamber.

Lee, Wendy. "PSP 96: A Discipline Case Tool for Personal Software Process." M.S. thesis, California State University, Long Beach, 1996.

Macke, S.; New, J.; Coxon, J.; Manente, B.; Khajenoori, S.; Hirmanpour, I.; & Ceberio, A. "An Industry/Academic Partnership That Worked: An In Progress Report," 234-245. *Proceedings of the Ninth Conference on Software Engineering Education (Cat. 96TB100019)*, Daytona Beach, FL (April 1996).

Mattsson, Christer. "Industry And Research Come Together—More or Less." *IEEE Software (ESOF)*, 13 5 (September 1996): 105-108.

Towhidnejad, Masood & Salimi, Aboalfazl. "Incorporating a Disciplined Software Development Process in to Introductory Computer Science Programming Courses: Initial Results," 497-500. *Proceedings of the Technology-Based Re-Engineering, Engineering Education, Proceeding of Frontiers in Education FIE'96 26th Annual Conference* Salt Lake City, UT (November 1996).

## 1995

Humphrey, Watts S. "Introducing the Personal Software Process." *Annals of Software Engineering*, 1, 1 (December 1995): 311-325.

Humphrey, Watts S. "Making Process Improvement Personal." *IEEE Software*, 12, 5 (September 1995): 82-83.

Humphrey, Watts S. "Pushing Process with a Personal Approach. Interview with Watts Humphrey." *IEEE Software*, 12, 4 (July 1995): 100-104.

Humphrey, Watts S. "The Personal Software Process," 1-3. *Proceedings of Softwartechnic '95*, Braunschweig, Germany (October 1995).

Humphrey, Watts S. "The Personal Software Process," *International Perspectives in Software Engineering*, 1, 4 (April 1995): 3-9.

Humphrey, Watts S. "The Personal Software Process—Overview, Practice, and Results," 8-10. *Software Process Improvement Forum, Research Access, Inc.*, Pittsburgh, PA (January-February 1995).

Humphrey, Watts S. "The Power of Personal Data." *Software Process Improvement and Practice*, 1, 2 (December 1995): 69-81.

Humphrey, Watts S. "Why Should You Use a Personal Software Process?" 33-36. *ACM Press, SIGSOFT Software Engineering Notes*, 20, 3 (July 1995).

Humphrey, Watts S. "Why Should You Use a Personal Software Process?" *Proceedings 1995 SEI Process Group Conference*, Pittsburgh, PA (May 1995).

Khajenoori, S. & Hirmanpour, I. "Personal Software Process: An Experiential Report," 131-145. *Proceedings of the Software Engineering Education, 8th SEI CSEE Conference*, New Orleans, LA (March 1995).

McAlpin, J. & Liu, J. B. "Experiencing Disciplined Software Engineering at the Personal Level," 124-127. *Proceedings of the IEEE Pacific Rim Conference on Communications, Computers, and Signal Processing*, Victoria, BC, Canada (May 1995).

Myers, Ware. "Improve Your Personal Software Process—A Discipline for Software Engineering." *IEEE Software*, 12 3 (May 1995): 104-105.

#### **1994**

Humphrey, Watts S. "A Personal Commitment to Software Quality." *American Programmer*, 7, 12 (December 1994): 2-12.

Humphrey, Watts S. "Process Feedback and Learning," 104-106. *Proceedings of the 9th International Software Process Workshop*, Arlie, VA (October 1994).

Humphrey, Watts S. "The Personal Process in Software Engineering," 69-77. *Proceedings of the Third International Conference on the Software Process*, Reston, VA (October 1994).

Humphrey, Watts S. "The Personal Software Process." "Software Process Newsletter, Committee on Software Process, Technical Council on Software Engineering." *IEEE Computer Society*, 1 (September 1994): 1-3.

Khajenoori, Soheil. "Process-Oriented Software Education." *IEEE Software*, 11, 6 (November 1994): 99.

Roy, Daniel M. "The Personal Software Process: Downscaling the Factory," 91-112. *Proceedings of the 19th Annual Software Engineering Workshop* (December 1994).

Shendil, K. & Madhavji, N. H. "Personal 'Progress Functions' in the Software Process," 117-121. *Ninth International Software Process Workshop* (October 1994).

#### **1993**

Humphrey, Watts S. "State of the Practice in Process Technology, The Personal Software Process—Rationale and Status," 102-103. *Proceedings of the Eighth International Software Process Workshop*, IEEE Computer Society Press, Los Alamitos, CA (March 1993).

**1989**

Humphrey, Watts S. "Modeling Implications of the Personal Software Process, 74-77. *Proceedings of the 5th International Software Process Workshop* (October 1989).

**1986**

Humphrey, Watts S. "SPEAKOUT: We Can Program SDI." *IEEE Spectrum* (April 1986): 16.

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