

Author and Quality Consultant Mr. Timothy G. Olson

Introduction This two-page document provides a summary of Mr. Timothy G. Olson's papers and presentations. The papers and presentations are organized by date (most recent first) and topic.

- Keynotes**
- "Applying Lean Principles to Service Quality", Olson, Timothy G., Keynote, ASQ 16th Annual Service Quality Conference (SQC), San Diego, CA, 2007.
 - "Quality Benchmarking: Where is Your Quality?", Olson, Timothy G., Keynote, ASQ 15th Annual Service Quality Conference (SQC), Las Vegas, NV, 2006.
 - "How to Conduct Aggressive Improvement Efforts and Rapidly Achieve Measurable Results", Olson, Timothy G., Keynote, ASQ 14th Annual SQC, Atlanta, GA, 2005.
 - "Defining Best-In-Class Processes and Procedures", Olson, Timothy G., Keynote, ASQ 13th Annual Service Quality Conference, San Antonio, TX, 2004.
 - "Defining Processes in Expert Mode", Olson, Timothy G., Keynote, China Information Technology Conference, Beijing, China, 2002.
 - "Tailoring Managing Change to Managing Improvement", Olson, Timothy G., Keynote, India Software Engineering Process Group (SEPG), Delhi, India, 2001.
 - "The Management Commitment Process", Olson, Timothy G., Keynote, Project Management Institute (PMI) Student Leadership Forum, St. Paul, MN, 2001.
 - "Quality: The Good, the Bad, and the Ugly", Olson, Timothy G., Keynote, London, England, UK, UNICOM Seminar on Quality, 1998.
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- ASQ Quality Progress**
- "Developing Best In Class Processes at NASA", Olson, Timothy G. and Kelly, John C., Quality Progress Article, pp. 58-65, May 2005.
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- Best Paper Awards**
- "Defining Lean Service and Maintenance Processes", Olson, Timothy G., NDIA CMMI Conference, Denver, CO, November 2007.
 - "Using a Process Measurement FrameworkSM to Rapidly Achieve Measurable Results", Olson, Timothy G. Presentation, ASQ 13ICSQ, Dallas, TX, 2003.
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- Aggressive Improvement Efforts**
- "Rapidly Defining a Lean CMMI Maturity Level 3 Process", Kellum, Julie, Tufail, Zia, and Olson, Tim, Presentation, NDIA CMMI Technology Conference, Denver, CO, 2006.
 - "How to Conduct Aggressive Improvement Efforts and Rapidly Achieve Measurable Results", Olson, Timothy G., ASQ 14ICSQ, Orlando, FL, 2005.
 - "Aggressively Achieving CMM[®] Levels", Olson, Timothy G., Keynote, China Information Technology Conference, Beijing, China, 2002.
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- CMMI Presentations: Miscellaneous Topics**
- "Defining Lean Service and Maintenance Processes that are CMMI Compliant", Olson, Timothy G., Tutorial, NDIA CMMI Conference, Denver, CO, November 2008.
 - "Defining a Decision Analysis and Resolution (DAR) Process Based on Best Practices", Olson, Timothy G., Presentation, NDIA CMMI Conference, Denver, CO, November 2007.
 - "Defining a Lean Configuration Management Process at NASA JPL", Olson, Timothy G., NDIA CMMI Technology Conference, Denver, CO, 2006.
 - "Successful Verification and Validation Based on the CMMI Model", Olson, Timothy G., NDIA Systems Engineering Conference, San Diego, 2005.
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- Early Defect Detection (Inspections) and ROI**
- "Best-In-Class Early Defect Detection and Defect Prevention", Olson, Timothy G., Tutorial, NDIA CMMI Conference, Denver, CO, November 2007.
 - "Successfully Using Early Defect Detection to Achieve ROI", Olson, Timothy G., Presentation, ASQ World Conference on Quality and Improvement, Orlando, FL, May 2007.
 - "Performing Best-In-Class Inspections", Presentation, Olson, Timothy G., SEPG 2001, New Orleans, LA.
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Author and Quality Consultant Mr. Timothy G. Olson, Continued

Lean and Defining Lean Processes (e.g., Short and Usable)

- “Defining Lean Service and Maintenance Processes that are CMMI Compliant”, Olson, Timothy G., Tutorial, NDIA CMMI Conference, Denver, CO, November 2008.
 - “Defining Lean Systems Engineering Processes and Procedures”, Olson, Timothy G., Presentation, 7th International Symposium of INCOSE, San Diego, CA, June 2007.
 - "Defining Short and Usable Processes", Olson, Timothy G., CrossTalk, June 2006.
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Measurement and Metrics

- “How to Define Practical Metrics Using NASA JPL as an Example”, Olson, Timothy G., and Hihn, Jairus Dr., Tutorial, NDIA CMMI Conference, Denver, CO, November 2008.
 - “How to Define Practical Systems Engineering Metrics”, Olson, Timothy G., Tutorial, International Council on Systems Engineering (INCOSE), San Diego, CA, June 2007.
 - “Using a Process Measurement FrameworkSM to Successfully Achieve Measurable Results”, Olson, Timothy G., Presentation, ASQ WCQI, Milwaukee, WI, 2006.
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Management and Project Management

- “Measurement Driven Project Management”, Olson, Timothy G., European SEPG Conference, London, England, UK, 2004.
 - “The Management Commitment Process”, Olson, Timothy G., Keynote, Project Management Institute (PMI) Student Leadership Forum, St. Paul, MN, 2001.
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Models and Architectures – Engineering and Lean Based

- “Architecture & Model Based Systems Engineering for Lean Results”, Olson, Timothy G. & Armstrong, Chris. Presentation, NDIA CMMI Conference, Denver, CO, November 2008.
 - “Using Lean Principles and Process Models to Achieve Measurable Results”, Olson, Timothy G., Presentation, NDIA CMMI Conference, Denver, CO, November 2008.
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Quality Strategies

- “Using the National Baldrige Performance Criteria to Strengthen CMMI Measurable Results”, Olson, Timothy G., Presentation, NDIA CMMI Conference, Denver, 2008.
 - “Staged or Continuous: Which Model Should I Choose?”, Olson, Timothy G., Presentation, NDIA CMMI Technology Conference, Denver, 2003.
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Requirements

- “How To Write ‘Lean and Mean’ Requirements”, Olson, Timothy G., Presentation, NDIA CMMI Conference, Denver, CO, November 2008.
 - “How To Measurably Improve Your Requirements”, Olson, Timothy G., Tutorial, NDIA Systems Engineering Conference, San Diego, CA, 2006.
 - “Successful Strategies to Improve Your Requirements”, Olson, Timothy G., Presentation, NDIA Systems Engineering Conference, San Diego, CA, 2005.
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Return on Investment-ROI

- “The ROI of Process Improvement”, Olson, Timothy G., Presentation, UTC SEPG Conference, UTC leadership Center, CT, 2003.
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Some SEI Publications

- “A Software Process Framework for the Capability Maturity Model”, Olson, Timothy G., Reizer, Neal, et al., CMU/SEI-94-HB-07, 1994.
 - “Conducting SEI-Assisted Software Process Assessments”, Olson, Timothy G., Humphrey, Watts S., et al., CMU/SEI-89-TR-07, 1989.
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How to Contact the Author

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