



American Society for Quality Southern CT Section 301 December 12, 2018

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Wednesday December 12, 2018

Estimation of Performance Quality for Highly Engineered Products by Christopher Kaswer

Location: Blue Goose Restaurant – 326 Ferry Blvd (CT 130) in Stratford

Directions: *From the South:* Take US 95 to exit 32, keep right at end of ramp, left on Main Street, then immediate right turn, continue to stoplight, then left turn onto Ferry Blvd, restaurant will be a short distance on your right.

From the North: Take US 95 to exit 34, follow Post Road west (US 1) about 1.5 miles to merge with CT 130 (Ferry Blvd), restaurant will be on your left

5:30pm. - Informal Networking

6:30 p.m. - Dinner

7:30 p.m. - Presentations

Cost: \$ 25

RSVP by December 11th to tomane723@aol

Great topic – I am looking forward to it. May even shine my shoes beforehand. Be hungry because it is the Blue Goose. See you then

About Our Meeting

Many engineers don't realize the power they possess to influence the performance quality of the products they design. This presentation will explore methods and tools available to engineers that help estimate the quality of the performance characteristic(s) they design their products to achieve. We'll consider situations that span from "hand calculation" approaches to more complicated processes that predict quality levels through the use of DOEs conducted within advanced engineering analysis codes like ANSYS. The end-goal of all these methods is to estimate the Defects per Million (DPM) of the performance measure of interest and understand the factors that most influence the output performance. When these efforts are conducted properly, they support robust design activity as a fringe benefit.

About OUR Speaker

Christopher Kaswer received his BSME from the University of Connecticut and his MSME from the University of Rochester. His 34 years of industrial experience includes quality, manufacturing, testing, metrology, applications engineering, design and analytical engineering. He has worked for Kodak, General Motors, The Torrington Company, Otis Elevator, Jacobs Vehicle Systems and has been with Medtronic the past 7+ years. Chris manages a small advanced engineering group that provides support with CAD modeling, engineering analysis, general mentoring and establishes engineering best practices for the Medtronic R&D organization located in North Haven.

Chairman's Remarks

As my tenure as the Section 0301 Chair comes to the end, I just want to say that it's been an honor and a pleasure to serve the Section that I've been a part of for two decades. The programs we've put together and the visits to local companies have been most enjoyable as well as educational. I think we've met the changes and challenges of the ever changing ASQ landscape well, and that's in no small way because of the great leadership team we have in our Section. I want to thank Mike D'Onofrio especially who became our Regional Director during my tenure, for his guidance and leadership through all of this.

Longtime section member and colleague David Steeves graciously accepted my nomination for Section Chair at our last meeting, and not surprisingly was unanimously voted in. Congratulations to Dave, and I know he'll do a fabulous job as our Chair for the next two years.

I want to thank all the members of our section, especially those who joined us for the programs, for being part of this great organization, and I encourage all of you to take part in one or more of the programs in the coming year.

I wish all of you and your families a happy, safe, and blessed Holiday season.

Programs

Mark your calendar for January 16, 2019. We will meet jointly with ASQ, APICS and ISM – CT (Institute for Supply Management) at Honeywell, Northford. The subject could not be more appropriate. Juran's CEO Joseph A. DeFeo will examine the simple, but made difficult, supplier quality management system. He will examine the supplier: selection, assessment, segmentation, monitoring and rewarding excellence in the supply chain. Learn how to develop an effective relationship with your suppliers and remove the burden of being shut down because your supplier did not understand your requirements or thought all your purchasing protocols only wanted lower costs and not better quality

ASQ Certification

Certification prep courses run in the fall, winter, and spring. For details on certification, see www.asq.org/certification/ to confirm dates and register for the certification exams.

For further information, please contact Mike D'Onofrio at

mikedonofrio301@yahoo.com, or 203-570-365

A Hot Topic

One of the most interesting topics at the October New England Quality Council 62nd Conference was the Production Part Approval Process, PPAP for short. This originated in the automotive sector and has now been picked up by the aerospace sector. Simply put, is a requirement laid upon suppliers to produce a data package which demonstrates that they can do the job. It requires 18 topics that contain actual proof of capability. I like it because it's upfront. I understand that the conference presentations will be available eventually on the New England Quality Council website. I will supply a link when they become available.

Happy Holidays to All