



# SAE Milwaukee Newsletter

March 2013

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*Reliability Engineering Special Interest Group*

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## Design of Experiments (DOE)

Presentation by David W. Windstein PE  
President/CEO Twin Pines Solutions LLP



Wednesday, March 27 – 5:30 pm.

*Hosted at:*



Milwaukee Electric Tool

**Advanced registration is required. Beverages/snacks will be served – no charge. To register for this meeting, call or email Dave Boyles at 262-636-5804 ([david.boyles@cnh.com](mailto:david.boyles@cnh.com)) or Jim Hollern at 414-465-6387 ([james.hollern@harley-davidson.com](mailto:james.hollern@harley-davidson.com)). Space is limited to 40 attendees. The deadline for registration is March 25<sup>th</sup> @ 5:00 pm.**

**Agenda:**

<b>Meet and greet</b>	<b>5:30 – 6:00 pm.</b>
<b>Milwaukee Electric Tool Tour</b>	<b>6:00 – 6:45 pm.</b>
<b>DOE Presentation</b>	<b>7:00 – 8:00 pm.</b>
<b>Questions/Wrap-Up</b>	<b>8:00 – 8:30 pm.</b>

David Windstein has over 45 years experience in design, design analysis, reliability, testing and education, working for Ford Motor Company, Cummins Engine Company, Michigan Tech, Outboard Marine Corporation, and Harley Davidson. His areas of expertise include experimental stress analysis, photoelasticity, probabilistic design, reliability and warranty analysis. Mr. Windstein has developed photoelastic and modeling laboratories at 2 different companies, designed numerous specialized transducers, and developed/championed statistical approaches to design, test, and warranty analysis while at Cummins, OMC and Harley. Since retiring from Harley-Davidson in 2007, he has been involved in consulting and industrial teaching of engineering statistics, reliability and design processes as the President of Twin Pines Solutions, LLC.

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